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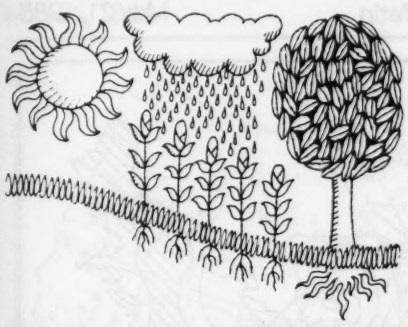

WEEKLY WEATHER AND CROP BULLETIN

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration, National Weather Service

U.S. DEPARTMENT OF AGRICULTURE
Statistical Reporting Service and World Agricultural Outlook Board

Volume 72, No. 20 WASHINGTON, D.C. May 21, 1985

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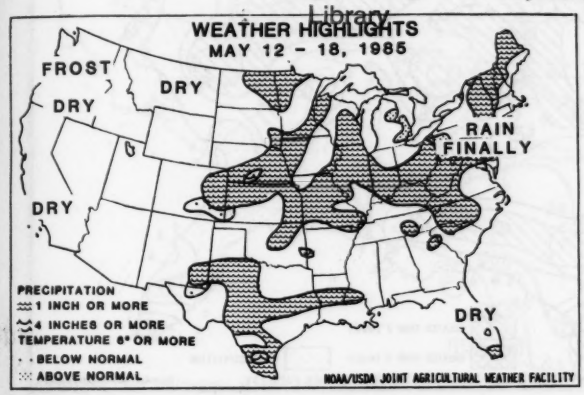
National Weather Summary

May 12 to 18, 1985



HIGHLIGHTS: Showers and thunderstorms spread eastward from the Plains, but the Southeast remained mostly dry. Beneficial rain fell through much of the very dry areas from West Virginia through eastern Pennsylvania and from western New Jersey to eastern New York. Violent thunderstorms produced tornadoes, hail, and flooding rain from northwestern Kansas to west central Iowa and in southern and south central Texas. Frost nipped fruit trees and tender vegetables in Washington and Oregon early in the week. As the week ended, record-hot weather, with little or no rain in Florida, exacerbated dryness.

SUNDAY...It was unusually cold in the Northwest and warm in the East. Early morning temperatures dropped to below freezing and nipped blooming fruit trees and tender vegetables in Washington, Oregon, and most of the northern Plateau. New snow fell in parts of the central Rockies. Showers and thunderstorms triggered hail and some heavy downpours through the central Plains, parts of North Dakota and Minnesota, from the Ohio Valley to Georgia, and in parts of the East Coast States into Pennsylvania. Rain or showers covered the Northeast.

MONDAY...The frosty weather in the Northwest moved a little eastward, away from the western valleys. Violent thunderstorms broke out from eastern Texas to eastern Colorado and Nebraska and spread through Missouri, southern Illinois, and the lower Mississippi Valley. Rain moved over the Pacific Northwest into Idaho.

TUESDAY...Thunderstorms triggered severe weather from northeastern Kansas to the upper Mississippi Valley, the central and western Great Lakes region, the Ohio Valley, the central and lower Mississippi Valley, and southeastern Texas. Showers also fell through Idaho and parts of Washington. It was unusually warm in much of the East and Southwest but was rather cool in most of the West.

WEDNESDAY...Showers and thunderstorms moved eastward and covered northern Illinois through Minnesota, the Great Lakes area, the upper Ohio Valley, and from western North Carolina through New York. Some very heavy rain fell in the lower Rio Grande Valley of Texas, and light rain fell in southern Idaho. Warm weather covered the South and most of California.

THURSDAY...Showers and thunderstorms covered the northeastern corner of the Nation from the middle and upper Mississippi Valley to the Carolinas and New England. Another spate of thunderstorms reached from the central southeastern coast of Texas through western Texas, and northward over the high Plains and eastern Rockies to southeastern Montana. Heavy rain in south-central Texas caused local flooding. Warm weather continued across the South, but somewhat cooler temperatures prevailed in most of California.

FRIDAY...Very beneficial rain continued through much of the very dry East Coast States from the Carolinas northward and through the Ohio Valley and Great Lakes area. Violent thunderstorms continued from southern Texas through the Panhandle and eastern New Mexico. Showers covered the High Plains and Rockies to Montana.

SATURDAY...Rain continued in the Northeast from the upper Ohio Valley and West Virginia through New England. Only light rain fell from thunderstorms in Texas, but heavier storms reached from New Mexico into Wyoming. Record-hot weather over Florida exacerbated dryness.

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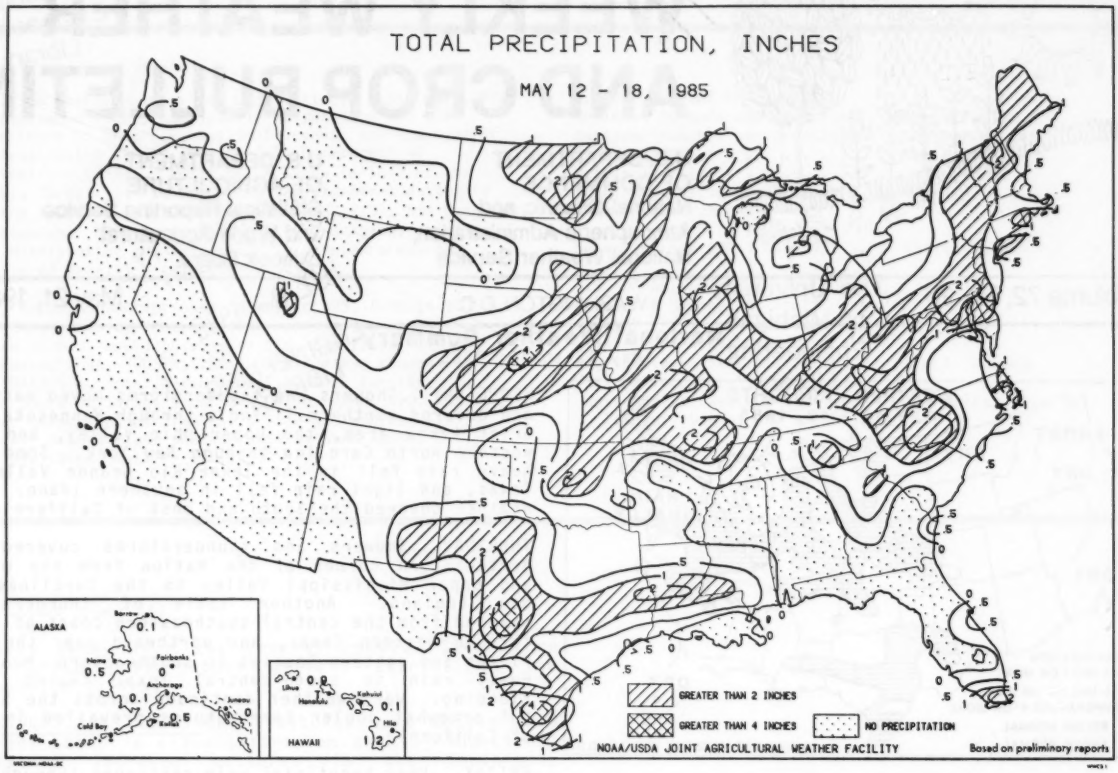
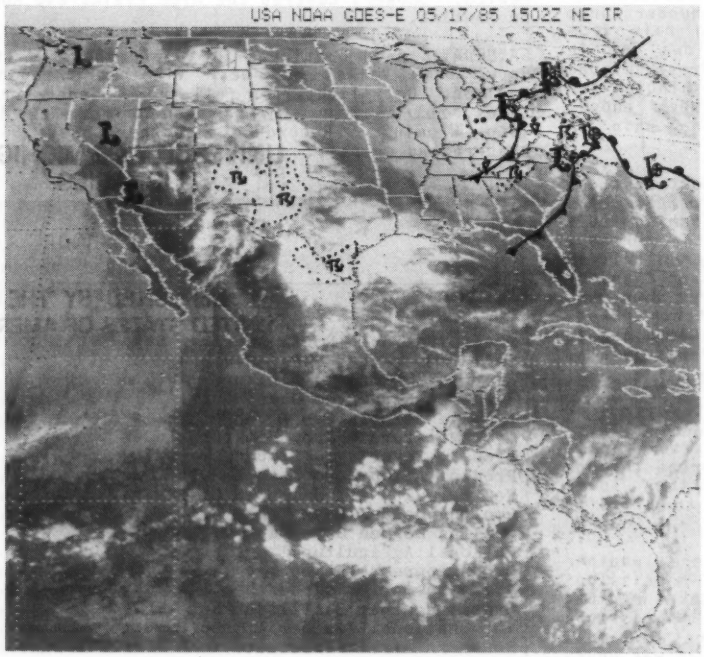




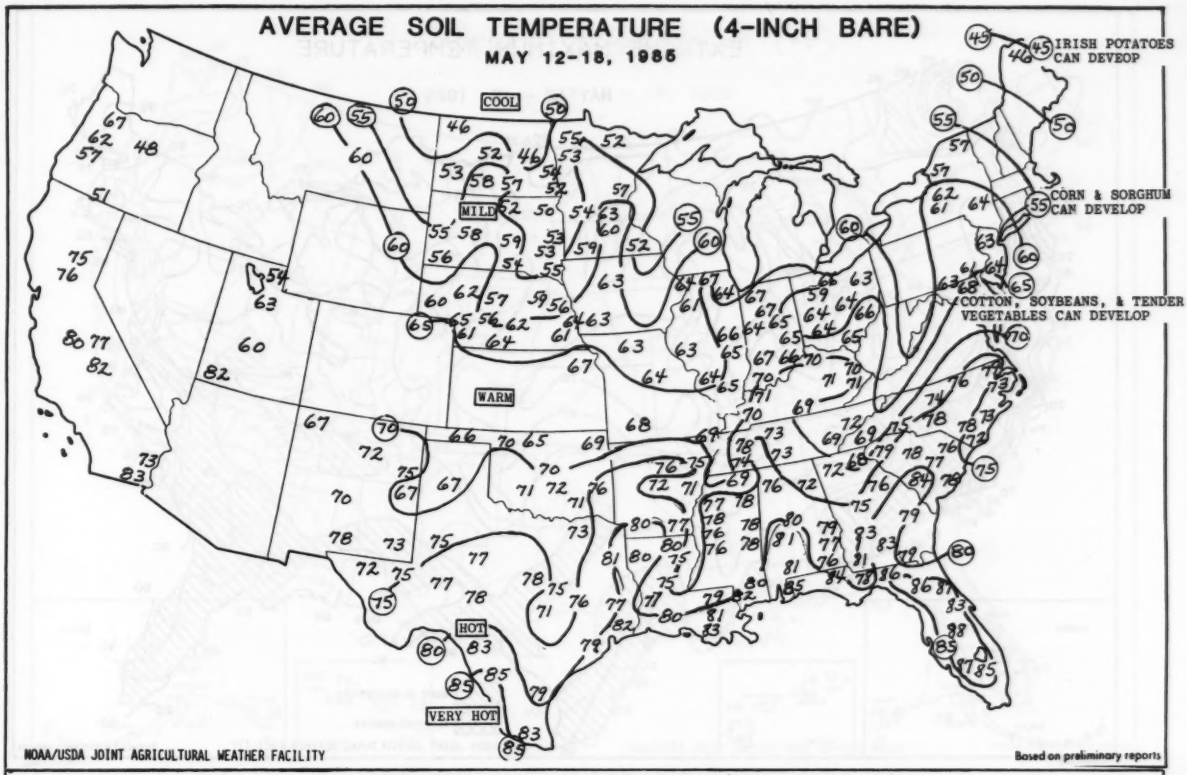
A COMPLEX DOUBLE FRONTAL SYSTEM IN THE EASTERN UNITED STATES BRINGS RAIN, SHOWERS, AND THUNDERSTORMS TO THE VERY DRY AREAS FROM THE EASTERN GREAT LAKES TO THE SOUTHERN APPALACHIANS, NORTHWARD INTO PENNSYLVANIA, AND OVER THE MID-ATLANTIC STATES.

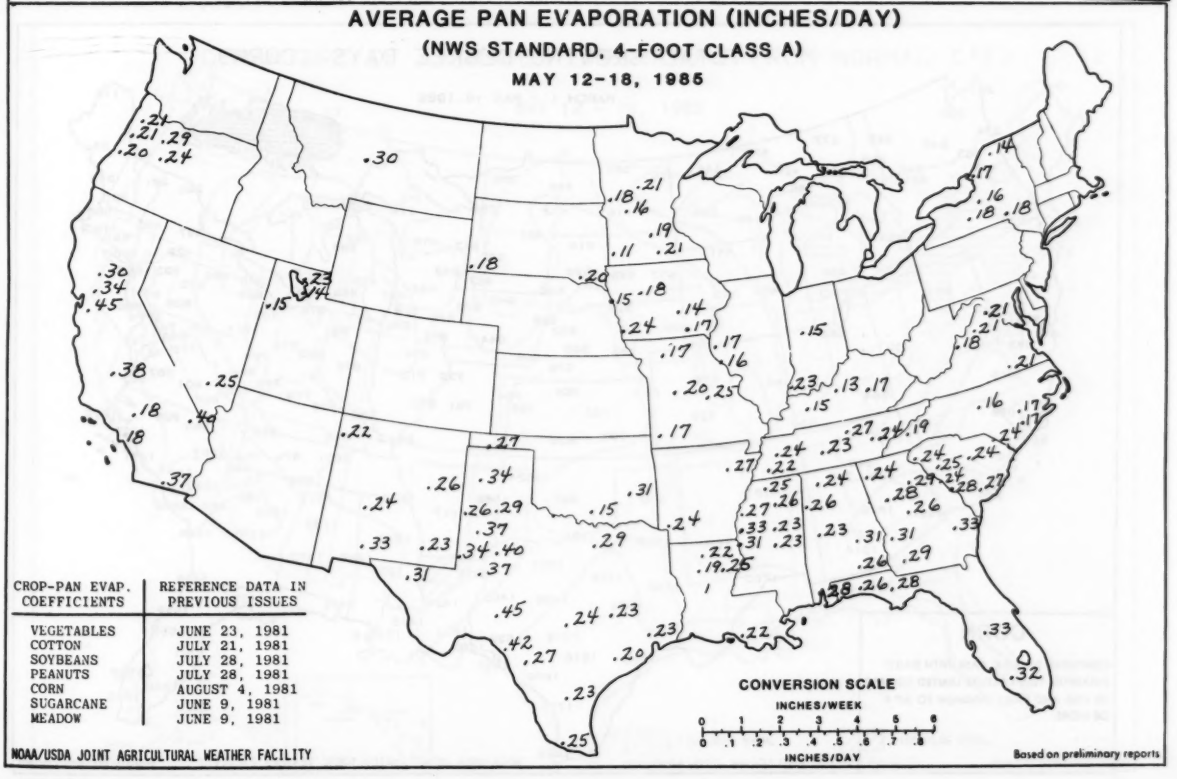
MOIST FLOW FROM THE GULF OF MEXICO HELPS TRIGGER THUNDERSTORMS FROM NORTHEASTERN MEXICO INTO NEW MEXICO.

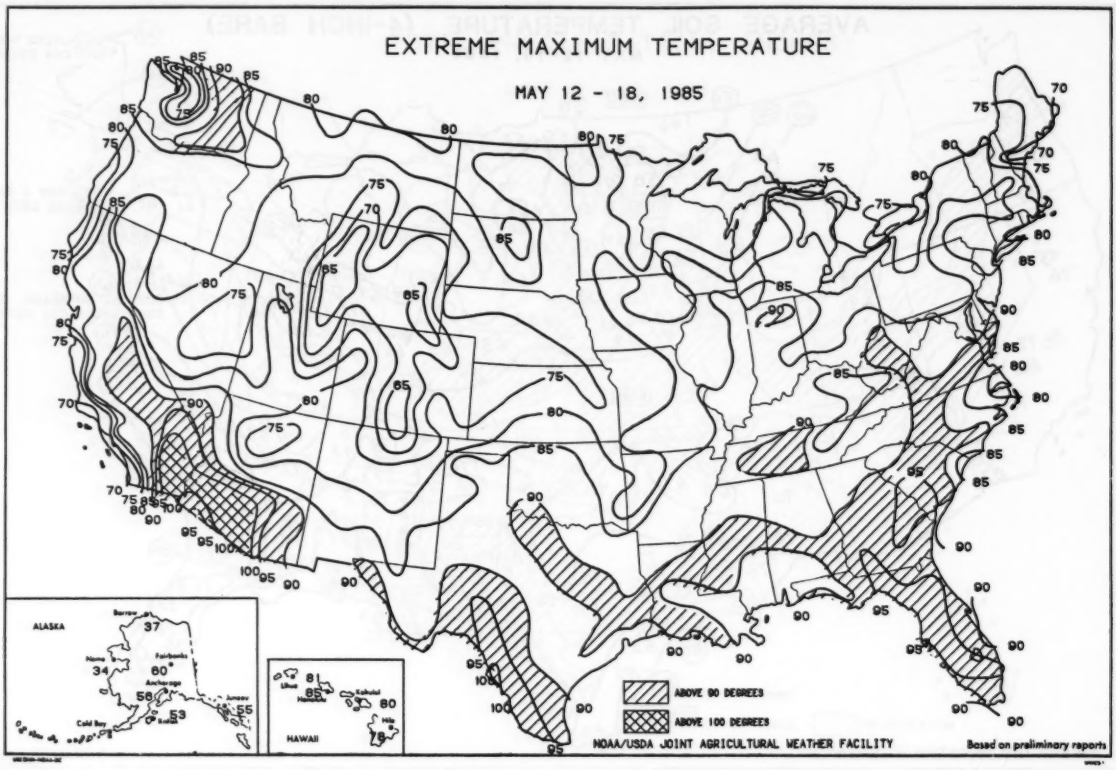
TROPICAL WEATHER IN THE SOUTH PACIFIC OCEAN MOVES NORTHWARD AS A HARBINGER OF MEXICO'S RAINY SEASON.

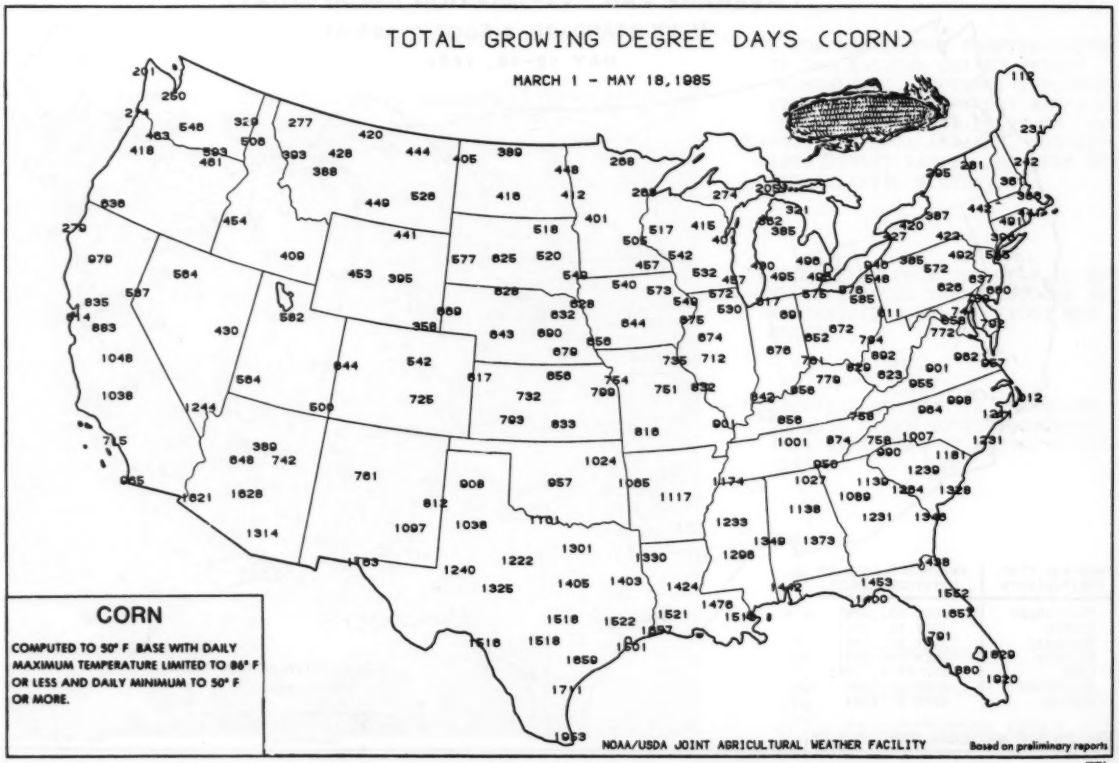
LEGEND:

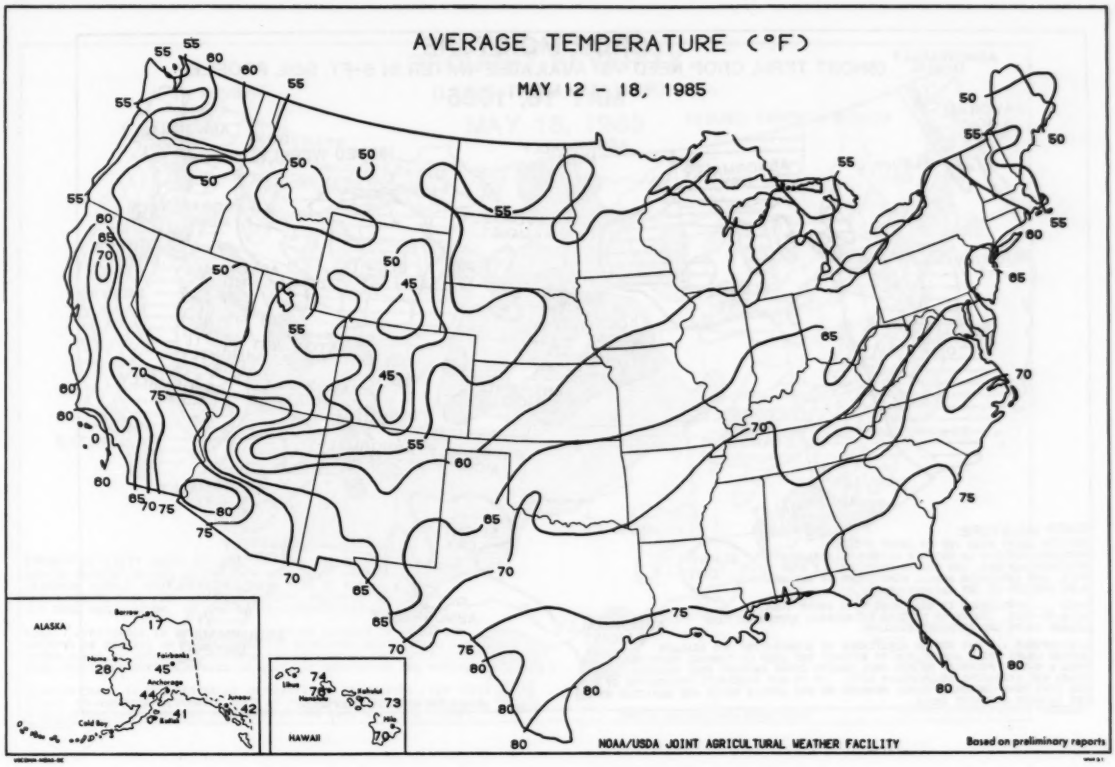
- SNOW
- RAIN
- RAINSHOWERS
- THUNDERSTORMS
- PRECIPITATION AREAS

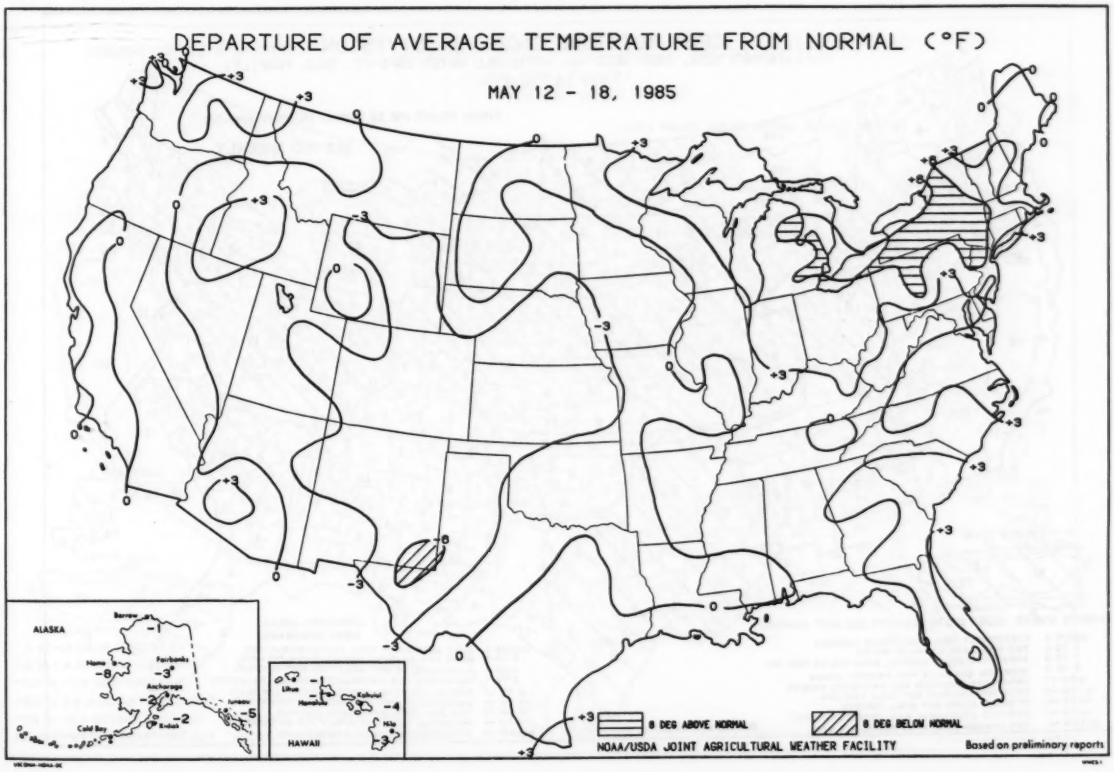

AVERAGE SOIL TEMPERATURE (4-INCH BARE)
MAY 12-18, 1985
IRISH POTATOES CAN DEVEOP
CORN & SORGHUM CAN DEVELOP
COTTON, SOYBEANS, & TENDER VEGETABLES CAN DEVELOP
COOL
MILD
WARM
HOT
VERY HOT
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

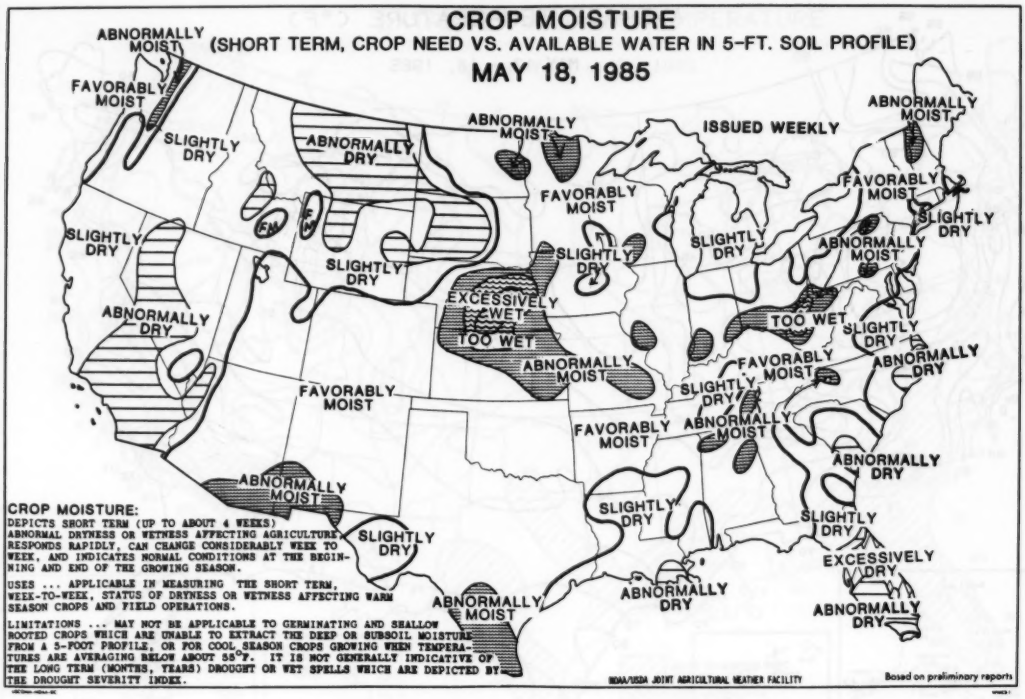

AVERAGE PAN EVAPORATION (INCHES/DAY)
(NWS STANDARD, 4-FOOT CLASS A)
MAY 12-18, 1985
CROP-PAN EVAP. COEFFICIENTS | REFERENCE DATA IN PREVIOUS ISSUES
VEGETABLES JUNE 23, 1981
COTTON JULY 21, 1981
SOYBEANS JULY 28, 1981
PEANUTS JULY 28, 1981
CORN AUGUST 4, 1981
SUGARCANE JUNE 9, 1981
MEADOW JUNE 9, 1981
CONVERSION SCALE
INCHES/WEEK
INCHES/DAY
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

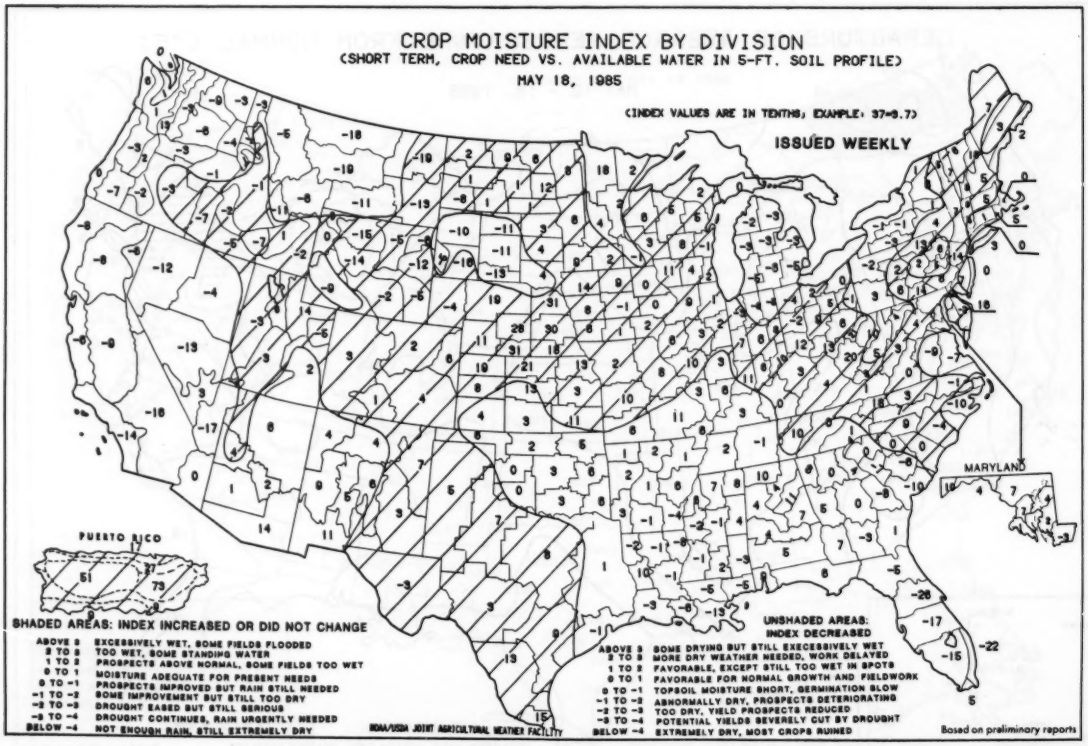

EXTREME MAXIMUM TEMPERATURE
MAY 12 - 18, 1985
ALASKA
HAWAII
ABOVE 90 DEGREES
ABOVE 100 DEGREES
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

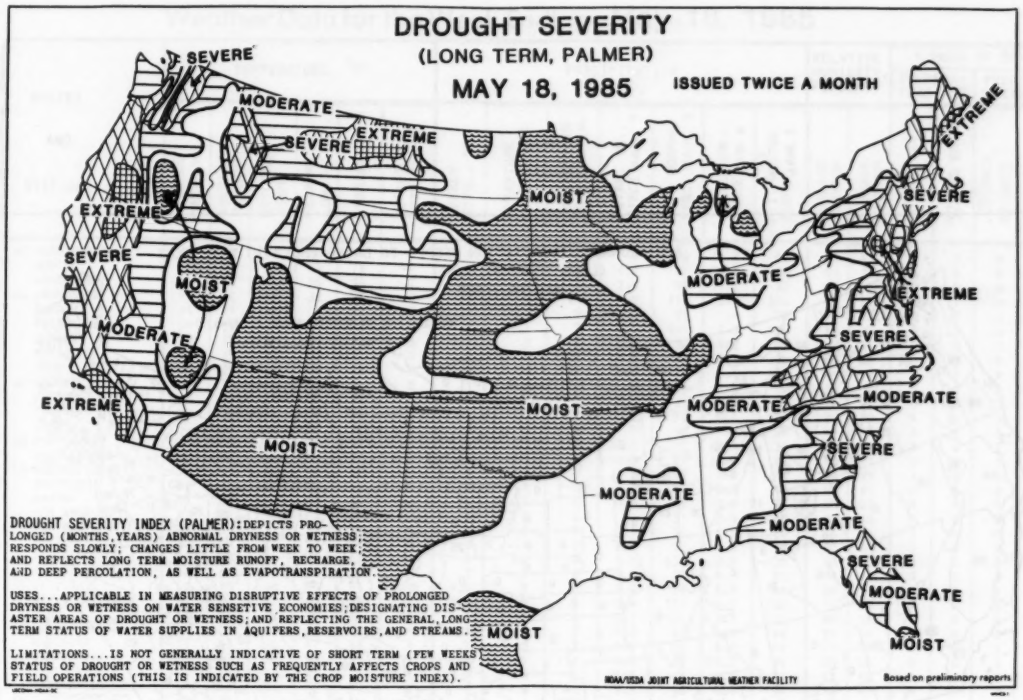

TOTAL GROWING DEGREE DAYS (CORN)
MARCH 1 - MAY 18, 1985
CORN
COMPUTED TO 50° F BASE WITH DAILY MAXIMUM TEMPERATURE LIMITED TO 86° F OR LESS AND DAILY MINIMUM TO 50° F OR MORE.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

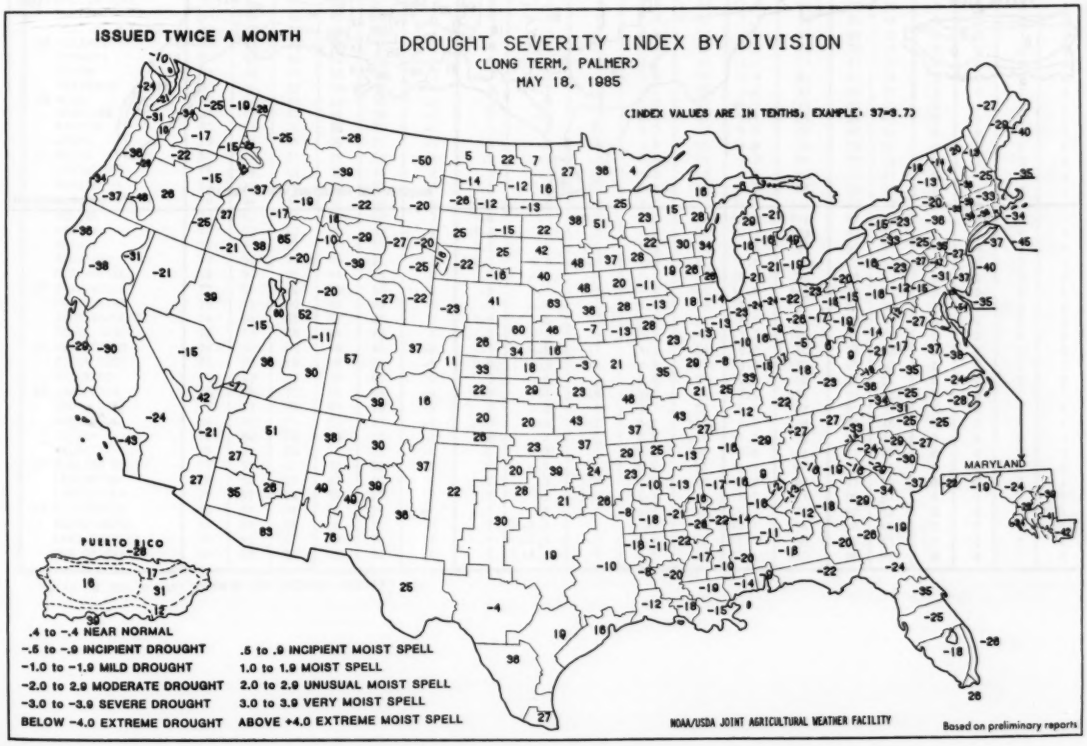

AVERAGE TEMPERATURE (°F)
MAY 12 - 18, 1985
ALASKA
HAWAII
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

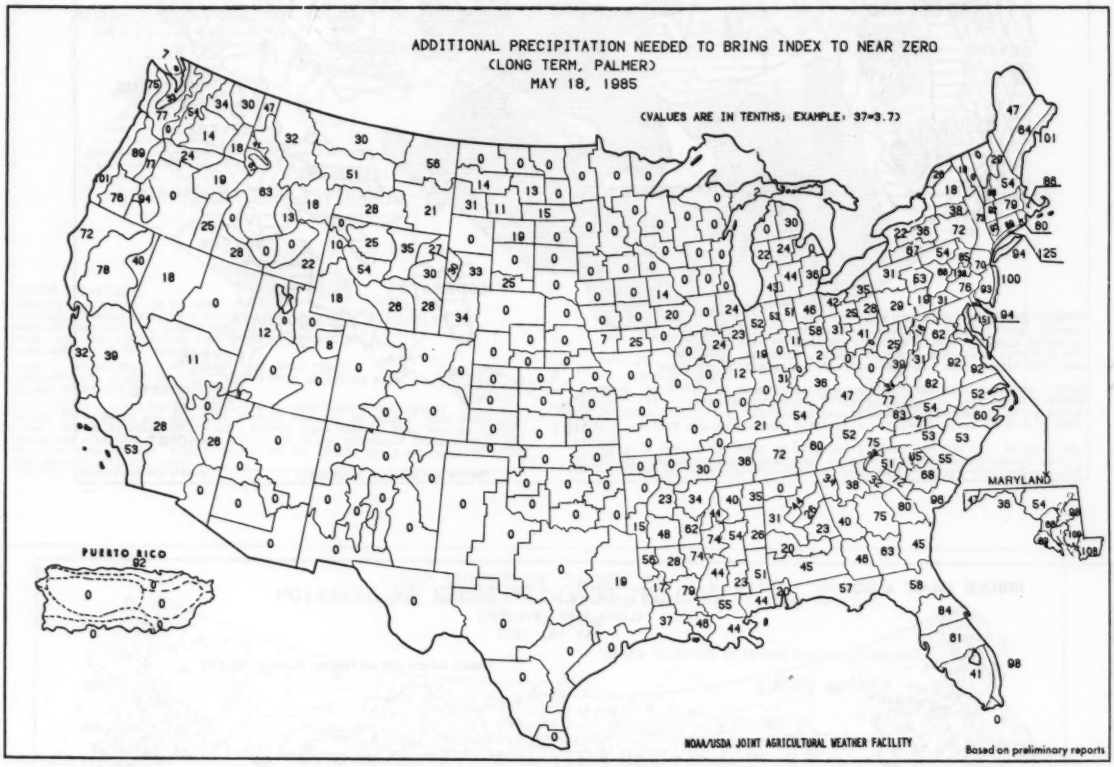

DEPARTURE OF AVERAGE TEMPERATURE FROM NORMAL (°F)
MAY 12 - 18, 1985
ALASKA
HAWAII
8 DEG ABOVE NORMAL
8 DEG BELOW NORMAL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
MAY 18, 1985
ISSUED WEEKLY
ABNORMALLY MOIST
FAVORABLY MOIST
SLIGHTLY DRY
ABNORMALLY DRY
EXCESSIVELY WET
TOO WET
EXCESSIVELY DRY
CROP MOISTURE:
DEPICTS SHORT TERM (UP TO ABOUT 4 WEEKS) ABNORMAL DRYNESS OR WETNESS AFFECTING AGRICULTURE. RESPONDS RAPIDLY, CAN CHANGE CONSIDERABLY WEEK TO WEEK, AND INDICATES NORMAL CONDITIONS AT THE BEGINNING AND END OF THE GROWING SEASON.
USES ... APPLICABLE IN MEASURING THE SHORT TERM, WEEK-TO-WEEK, STATUS OF DRYNESS OR WETNESS AFFECTING WARM SEASON CROPS AND FIELD OPERATIONS.
LIMITATIONS ... MAY NOT BE APPLICABLE TO GERMINATING AND SHALLOW ROOTED CROPS WHICH ARE UNABLE TO EXTRACT THE DEEP OR SUBSOIL MOISTURE FROM A 5-FOOT PROFILE, OR FOR COOL SEASON CROPS GROWING WHEN TEMPERATURES ARE AVERAGING BELOW ABOUT 55°F. IT IS NOT GENERALLY INDICATIVE OF THE LONG TERM (MONTHS, YEARS) DROUGHT OR WET SPELLS WHICH ARE DEPICTED BY THE DROUGHT SEVERITY INDEX.
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


CROP MOISTURE INDEX BY DIVISION
(SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE)
MAY 18, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
ISSUED WEEKLY
PUERTO RICO
MARYLAND
SHADED AREAS: INDEX INCREASED OR DID NOT CHANGE
ABOVE 3 EXCESSIVELY WET, SOME FIELDS FLOODED
2 TO 3 TOO WET, SOME STANDING WATER
1 TO 2 PROSPECTS ABOVE NORMAL, SOME FIELDS TOO WET
0 TO 1 MOISTURE ADEQUATE FOR PRESENT NEEDS
0 TO -1 PROSPECTS IMPROVED BUT RAIN STILL NEEDED
-1 TO -2 SOME IMPROVEMENT BUT STILL TOO DRY
-2 TO -3 DROUGHT EASED BUT STILL SERIOUS
-3 TO -4 DROUGHT CONTINUES, RAIN URGENTLY NEEDED
BELOW -4 NOT ENOUGH RAIN, STILL EXTREMELY DRY
UNSHADED AREAS: INDEX DECREASED
ABOVE 3 SOME DRYING BUT STILL EXCESSIVELY WET
2 TO 3 MORE DRY WEATHER NEEDED, WORK DELAYED
1 TO 2 FAVORABLE, EXCEPT STILL TOO WET IN SPOTS
0 TO 1 FAVORABLE FOR NORMAL GROWTH AND FIELDWORK
0 TO -1 TOPSOIL MOISTURE SHORT, GERMINATION SLOW
-1 TO -2 ABNORMALLY DRY, PROSPECTS DETERIORATING
-2 TO -3 TOO DRY, YIELD PROSPECTS REDUCED
-3 TO -4 POTENTIAL YIELDS SEVERELY CUT BY DROUGHT
BELOW -4 EXTREMELY DRY, MOST CROPS RUINED
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


DROUGHT SEVERITY
(LONG TERM, PALMER)
MAY 18, 1985
ISSUED TWICE A MONTH
SEVERE
MODERATE
EXTREME
SEVERE
EXTREME
MOIST
SEVERE
EXTREME
SEVERE
MOIST
MODERATE
MODERATE
EXTREME
SEVERE
MOIST
MODERATE
MODERATE
MOIST
SEVERE
MODERATE
MODERATE
SEVERE
MODERATE
MOIST
DROUGHT SEVERITY INDEX (PALMER): DEPICTS PROLONGED (MONTHS, YEARS) ABNORMAL DRYNESS OR WETNESS; RESPONDS SLOWLY; CHANGES LITTLE FROM WEEK TO WEEK; AND REFLECTS LONG TERM MOISTURE RUNOFF, RECHARGE, AND DEEP PERCOLATION, AS WELL AS EVAPOTRANSPIRATION.
USES...APPLICABLE IN MEASURING DISRUPTIVE EFFECTS OF PROLONGED DRYNESS OR WETNESS ON WATER SENSETIVE ECONOMIES; DESIGNATING DISASTER AREAS OF DROUGHT OR WETNESS; AND REFLECTING THE GENERAL, LONG-TERM STATUS OF WATER SUPPLIES IN AQUIFERS, RESERVOIRS, AND STREAMS.
LIMITATIONS...IS NOT GENERALLY INDICATIVE OF SHORT TERM (FEW WEEKS) STATUS OF DROUGHT OR WETNESS SUCH AS FREQUENTLY AFFECTS CROPS AND FIELD OPERATIONS (THIS IS INDICATED BY THE CROP MOISTURE INDEX).
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


ISSUED TWICE A MONTH
DROUGHT SEVERITY INDEX BY DIVISION
(LONG TERM, PALMER)
MAY 18, 1985
(INDEX VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
MARYLAND
PUERTO RICO
.4 to -.4 NEAR NORMAL
-.5 to -.9 INCIPIENT DROUGHT
-1.0 to -1.9 MILD DROUGHT
-2.0 to 2.9 MODERATE DROUGHT
-3.0 to -3.9 SEVERE DROUGHT
BELOW -4.0 EXTREME DROUGHT
.5 to .9 INCIPIENT MOIST SPELL
1.0 to 1.9 MOIST SPELL
2.0 to 2.9 UNUSUAL MOIST SPELL
3.0 to 3.9 VERY MOIST SPELL
ABOVE +4.0 EXTREME MOIST SPELL
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports


ADDITIONAL PRECIPITATION NEEDED TO BRING INDEX TO NEAR ZERO
(LONG TERM, PALMER)
MAY 18, 1985
(VALUES ARE IN TENTHS; EXAMPLE: 37=3.7)
PUERTO RICO
MARYLAND
NOAA/USDA JOINT AGRICULTURAL WEATHER FACILITY
Based on preliminary reports

Weather Data for the Week Ending May 18, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
AL BIRMINGHAM	83	59	89	50	71	1	0	-1.1	0	7.0	48	16.8	69	96	41	0	0	0	0
MOBILE	85	62	88	54	73	-1	T	-1.3	T	10.7	71	22.2	90	83	41	0	0	0	0
MONTGOMERY	85	63	90	55	74	2	0	-.9	0	7.4	58	19.7	92	89	45	2	0	0	0
AK ANCHORAGE	51	37	56	32	44	-2	.1	0	.1	1.9	113	3.4	100	79	37	0	1	2	0
BARROW	24	11	37	1	17	-1	.1	.1	0	.3	59	.4	50	91	72	0	7	2	0
FAIRBANKS	54	35	60	34	45	-3	T	-.1	T	1.1	121	2.0	105	70	30	0	0	0	0
JUNEAU	46	38	55	36	42	-5	1.7	.9	.6	7.3	90	8.2	55	97	66	0	0	5	2
KODIAK	47	35	53	29	41	-2	.5	-1.4	.5	11.4	84	27.1	96	86	48	0	3	4	0
NOME	31	25	34	18	28	-8	.5	.4	.4	2.6	171	3.7	132	91	72	0	7	4	0
AZ PHOENIX	95	70	100	65	82	6	T	-.1	T	.6	52	1.8	72	29	10	6	0	0	0
PRESCOTT	73	42	78	34	57	1	T	-.1	T	2.4	91	5.1	86	74	24	0	0	1	0
TUCSON	89	58	95	50	73	1	T	0	T	.7	57	3.4	131	39	10	4	0	0	0
YUMA	95	65	99	58	80	2	0	0	0	T	11	.3	30	44	15	6	0	0	0
AR FORT SMITH	79	56	82	48	67	-2	.4	-.7	.4	12.8	117	20.1	131	91	48	0	0	1	0
LITTLE ROCK	82	61	88	53	71	1	.2	-1.0	.2	11.4	86	17.7	86	82	45	0	0	1	0
CA BAKERSFIELD	83	53	92	46	68	-2	0	-.1	0	1.9	109	2.8	74	66	25	2	0	0	0
EUREKA	62	45	72	40	53	1	0	-.4	0	5.2	57	9.5	45	90	61	0	0	0	0
FRESNO	85	54	92	49	70	2	0	-.1	0	1.9	61	3.0	43	64	23	2	0	0	0
LOS ANGELES	67	55	68	53	61	-2	0	0	0	.9	31	3.5	42	75	48	0	0	0	0
RED BLUFF	85	55	91	49	70	3	0	-.2	0	3.1	70	4.6	38	56	18	1	0	0	0
SACREMENTO	80	49	87	44	64	0	0	-.1	0	2.0	55	4.2	40	87	26	0	0	0	0
SAN DIEGO	69	60	71	57	64	1	0	-.1	0	1.0	38	2.2	36	80	57	0	0	0	0
SAN FRANCISCO	72	50	83	46	61	3	T	-.1	T	3.4	77	6.5	53	85	41	0	0	0	0
CO DENVER	64	41	71	35	53	-4	1.0	.4	.6	4.4	97	5.7	100	82	33	0	0	5	1
GRAND JUNCTION	71	46	81	37	59	-3	.6	.4	.5	3.4	171	4.1	132	73	26	0	0	2	1
PUEBLO	67	44	75	38	55	-5	.5	.1	.4	3.1	124	4.1	132	88	37	0	0	3	0
CT BRIDGEPORT	71	54	80	49	63	4	T	-.8	T	4.6	47	7.6	48	91	61	0	0	0	0
HARTFORD	74	53	85	47	63	4	.7	0	.7	5.6	55	8.0	47	81	45	0	0	1	1
DC WASHINGTON	75	63	86	56	69	3	2.2	1.5	1.4	5.1	60	10.2	74	88	55	0	0	4	2
FL APALACHICOLA	86	65	92	59	76	2	0	-.6	0	5.9	66	13.3	83	87	44	2	0	0	0
DAYTONA BEACH	87	66	94	60	77	2	0	-.7	0	5.3	78	6.6	54	86	47	1	0	0	0
JACKSONVILLE	89	65	93	59	77	3	T	-1.1	T	5.0	51	7.5	46	88	41	2	0	1	0
KEY WEST	87	77	89	73	82	2	0	-.7	0	12.8	294	13.4	168	78	54	0	0	0	0
MIAMI	92	70	94	65	81	3	T	-1.4	T	5.0	61	5.4	44	88	39	7	0	1	0
ORLANDO	92	66	94	63	79	1	T	-.9	T	6.7	91	8.9	73	96	37	6	0	0	0
TALLAHASSEE	91	63	95	56	77	3	0	-1.2	0	6.6	53	11.2	50	93	35	4	0	0	0
TAMPA	91	70	95	65	80	3	0	-.8	0	2.9	42	7.1	58	84	44	5	0	0	0
WEST PALM BEACH	90	69	93	66	79	2	T	-1.3	T	8.2	91	9.5	66	94	39	4	0	1	0
GA ATLANTA	82	63	89	56	72	3	.4	-.6	.3	8.4	66	17.5	79	78	38	0	0	2	0
AUGUSTA	89	63	96	57	76	5	0	-.8	0	3.2	31	13.1	71	91	36	4	0	0	0
MACON	88	64	94	56	76	3	.1	-.7	.1	5.0	46	12.9	65	81	36	3	0	1	0
SAVANNAH	89	66	92	58	77	4	.1	-.9	.1	4.3	45	6.2	39	86	37	3	0	1	0
HI HILO	78	63	78	61	70	-3	1.2	-.9	.7	45.8	140	64.1	115	90	65	0	0	4	1
HONOLULU	84	68	85	64	76	-1	T	-.3	T	2.4	41	7.7	63	85	49	0	0	2	0
KAHULUI	80	65	80	60	73	-4	.1	0	.1	3.1	67	5.5	45	90	56	0	0	2	0
LIHUE	79	69	81	65	74	-1	.9	.2	.4	3.8	39	13.8	70	79	56	0	0	5	0
ID BOISE	67	40	81	24	54	-4	.5	.3	.4	2.4	83	3.2	56	79	28	0	2	3	0
LEWISTON	75	45	86	31	60	2	.1	-.2	.1	1.8	63	2.7	52	69	27	0	1	1	0
POCATELLO	67	39	76	30	53	-1	.3	.1	.2	2.8	101	4.5	94	78	26	0	1	3	0
IL CHICAGO	70	48	86	42	59	0	1.2	.6	.6	7.9	98	12.8	116	93	48	0	0	5	1
MOLINE	71	53	81	47	62	2	1.8	.9	1.1	10.0	108	13.7	112	87	49	0	0	4	1
PEORIA	72	53	83	46	63	2	1.2	.3	.7	8.7	97	12.3	103	93	55	0	0	4	1
QUINCY	72	54	81	46	63	1	1.7	.7	1.3	7.3	77	11.6	94	92	57	0	0	2	1
ROCKFORD	72	50	87	46	61	2	2.1	1.3	1.8	7.8	87	10.6	91	95	51	0	0	3	1
SPRINGFIELD	72	53	84	44	63	0	.5	-.3	.4	7.1	78	10.7	86	94	53	0	0	3	0
IN EVANSVILLE	77	56	88	42	67	2	.9	-.1	.6	11.8	105	17.8	103	85	47	0	0	5	1
FORT WAYNE	76	55	90	40	65	6	.4	-.4	.1	6.1	72	11.7	94	83	45	1	0	3	0
INDIANAPOLIS	74	56	85	42	65	3	1.6	.8	.8	12.3	131	17.4	120	83	55	0	0	5	2
SOUTH BEND	72	53	88	44	63	4	.4	-.1	.3	6.3	72	13.2	100	84	44	0	0	6	0
IA DES MOINES	70	50	82	46	60	-2	.1	-.8	.1	4.3	56	6.9	70	91	48	0	0	2	0
SIOUX CITY	65	50	78	46	57	-4	2.0	1.3	1.6	9.4	161	9.8	132	85	52	0	0	2	1
WATERLOO	69	49	79	44	59	0	.5	-.4	.3	6.2	77	8.0	82	92	51	0	0	3	0
KS CONCORDIA	69	48	75	44	58	-4	2.0	1.1	1.6	5.9	94	7.9	103	93	48	0	0	2	1
DODGE CITY	74	47	80	44	60	-3	T	-.8	T	3.7	72	6.0	97	81	35	0	0	1	0
GOODLAND	64	43	71	33	54	-5	2.5	1.8	2.2	4.0	106	4.7	104	91	46	0	0	5	1
TOPEKA	72	52	76	45	62	-2	1.2	.4	1.2	8.4	114	11.1	119	87	49	0	0	2	1
WICHITA	74	49	80	44	62	-4	.5	-.4	.5	6.9	107	9.2	115	87	45	0	0	2	0
KY BOWLING GREEN	77	59	87	43	68	2	.2	-.7	.2	6.8	57	11.1	54	93	55	0	0	2	0
LEXINGTON	75	56	84	42	65	1	1.7	.8	1.2	8.6	76	11.6	64	91	59	0	0	6	1
LOUISVILLE	77	57	86	42	67	2	1.7	.8	1.5	8.4	74	12.7	71	95	57	0	0	6	1
LA ALEXANDRIA	83	64	88	57	74	-1	2.1	.7	2.1	7.2	50	19.2	78	92	52	0	0	1	1
BATON ROUGE	84	64	88	56	74	0	T	-1.1	T	6.9	52	17.4	76	90	44	0	0	1	0
LAKE CHARLES	86	67	91	60	76	2	.1	-1.1	.1	5.5	54	15.7	86	96	51	1	0	1	0
NEW ORLEANS	84	68	87	58	76	1	T	-1.2	T	9.5	78	23.5	105	90	46	0	0	1	0

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 18, 1985

STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
SHREVEPORT	83	61	89	52	72	0	.3	-.8	.2	7.6	67	14.4	77	94	47	0	0	3	0
ME CARIBOU	60	39	73	33	50	0	1.1	.5	.8	5.1	76	8.8	79	82	46	0	0	5	1
PORTLAND	63	43	75	38	53	0	.8	.1	.8	5.9	60	8.5	49	92	54	0	0	3	1
MD BALTIMORE	74	57	86	49	65	2	1.5	.7	.7	5.8	64	10.8	72	79	51	0	0	4	2
SALISBURY	78	59	90	52	68	6	.8	0	.7	4.1	45	9.9	62	100	55	1	0	2	1
MA BOSTON	69	47	82	42	58	0	.3	-.5	.3	6.0	61	8.9	51	99	60	0	0	4	0
CHATHAM	60	46	63	42	53	1	.7	-.2	.4	9.8	96	13.3	71	--	--	0	0	3	0
MI ALPENA	65	45	81	38	55	4	.1	-.5	.1	6.2	102	10.6	118	98	56	0	0	2	0
DETROIT	72	51	84	38	61	4	.4	-.2	.2	7.2	99	13.7	127	88	45	0	0	4	0
FLINT	71	50	82	37	61	5	.5	-.1	.4	9.7	142	14.6	149	95	51	0	0	2	0
GRAND RAPIDS	72	51	84	40	62	5	.3	-.3	.2	7.4	95	12.5	112	93	46	0	0	4	0
HOUGHTON LAKE	68	50	78	41	59	6	.2	-.4	.1	6.5	110	10.1	116	88	46	0	0	4	0
LANSING	72	50	83	39	61	4	.2	-.3	.2	7.1	107	12.1	122	91	48	0	0	3	0
MARQUETTE	64	42	73	37	53	3	1.3	.4	1.2	13.0	149	18.8	149	93	54	0	0	3	1
MUSKEGON	70	50	84	41	60	4	.4	-.2	.1	6.7	93	12.0	107	80	44	0	0	5	0
SAULT STE. MARIE	60	43	75	36	52	2	.6	0	.2	9.7	161	15.1	153	97	63	0	0	5	0
MN ALEXANDRIA	64	48	77	43	56	1	.7	0	.3	6.6	135	7.6	119	92	52	0	0	4	0
DULUTH	64	45	73	40	54	4	1.4	.7	.6	6.3	112	7.3	95	93	51	0	0	4	1
INT'L FALLS	64	43	74	37	53	2	1.9	1.4	1.0	9.0	226	10.1	180	91	50	0	0	5	2
MINNEAPOLIS	66	49	74	40	58	-1	1.0	.3	.7	8.3	152	9.6	135	89	52	0	0	3	1
ROCHESTER	65	46	75	38	56	-1	.6	-.1	.3	5.3	87	6.5	87	90	57	0	0	5	0
MS GREENWOOD	83	61	90	51	72	0	0	-1.1	0	6.2	42	13.0	53	92	44	1	0	0	0
JACKSON	84	58	90	50	71	-1	.2	-.9	.2	7.0	47	18.6	77	95	39	1	0	1	0
MERIDIAN	83	59	87	50	71	0	.1	-.8	.1	9.1	62	18.4	76	97	47	0	0	1	0
MO CAPE GIRARDEAU	78	58	87	46	68	--	1.4	.3	1.1	17.6	141	23.7	129	92	52	0	0	3	1
COLUMBIA	72	54	79	47	63	-1	2.4	1.3	2.4	8.8	91	16.1	123	92	53	0	0	1	1
KANSAS CITY	71	52	77	45	61	-3	.4	-.6	.4	6.0	74	9.7	93	88	49	0	0	2	0
SAINT LOUIS	75	57	85	47	66	0	1.9	1.1	1.7	12.1	136	16.4	129	91	50	0	0	3	1
SPRINGFIELD	74	57	82	47	66	1	1.3	.3	1.3	11.6	117	17.5	128	81	50	0	0	1	1
MT BILLINGS	66	42	72	36	54	-1	T	-.6	T	2.9	67	3.6	60	61	23	0	0	1	0
GLASGOW	68	39	81	33	54	-1	.2	-.2	.1	1.4	66	1.5	50	88	24	0	0	2	0
GREAT FALLS	70	38	82	32	54	1	0	-.6	0	1.5	41	2.1	38	57	18	0	1	0	0
HAVRE	68	37	81	32	52	-2	.1	-.3	0	2.0	80	2.3	68	79	22	0	1	2	0
HELENA	70	38	81	32	54	2	T	-.4	T	1.1	41	1.6	43	57	17	0	2	0	0
KALISPELL	71	35	82	25	53	1	T	-.4	T	1.3	47	2.9	53	77	24	0	2	0	0
MILES CITY	70	40	77	31	55	-2	T	-.5	T	1.8	57	2.0	47	78	28	0	1	1	0
MISSOULA	71	35	83	21	53	1	0	-.4	0	1.0	37	1.9	39	73	22	0	2	0	0
NE GRAND ISLAND	67	47	75	44	57	-4	3.5	2.7	2.5	9.1	145	9.6	126	88	43	0	0	2	2
LINCOLN	67	50	76	44	59	-3	2.0	1.1	1.5	7.1	103	7.9	92	91	52	0	0	2	2
NORFOLK	65	48	78	44	57	-4	1.8	1.0	1.2	9.0	157	9.4	134	88	45	0	0	2	2
NORTH PLATTE	66	40	73	36	53	-5	1.2	.5	1.1	6.0	125	6.7	118	84	36	0	0	2	1
OMAHA	66	50	77	48	58	-3	2.3	1.3	1.1	6.7	95	7.8	90	86	54	0	0	2	2
SCOTTSBLUFF	70	41	77	34	55	-2	.6	-.1	.4	2.3	61	3.1	67	72	23	0	0	2	0
VALENTINE	68	42	79	37	55	-2	.1	-.5	.1	2.4	57	3.0	60	71	27	0	0	1	0
NV ELY	66	30	74	25	48	-2	T	-.3	T	2.4	95	3.3	85	85	26	0	6	0	0
LAS VEGAS	90	61	94	55	75	2	0	-.1	0	.4	46	.6	33	29	8	5	0	0	0
RENO	74	37	80	31	55	1	T	-.2	T	1.1	64	2.0	53	68	15	0	3	0	0
WINNEMUCCA	71	32	82	22	52	-3	T	-.2	T	.9	49	2.4	69	71	16	0	3	0	0
NH CONCORD	71	43	88	32	57	2	.5	-.1	.5	5.4	70	8.3	64	93	49	0	1	1	1
NJ ATLANTIC CITY	76	57	89	51	66	6	.9	.2	.8	5.4	59	9.1	57	95	51	0	0	2	1
NM ALBUQUERQUE	73	47	79	37	60	-4	.4	.3	.2	3.0	246	4.0	200	77	20	0	0	3	0
CLOVIS	73	49	83	39	61	-5	.7	.2	.4	4.8	188	6.3	175	70	38	0	0	2	0
ROSWELL	78	52	85	43	65	-5	1.3	1.1	.9	4.6	448	4.9	327	68	28	0	0	3	1
NY ALBANY	73	55	86	48	64	7	1.5	.8	.8	7.2	91	9.1	73	92	51	0	0	4	2
BINGHAMTON	71	52	83	39	62	7	.9	.2	.5	5.8	74	8.4	66	92	47	0	0	5	0
BUFFALO	72	52	83	41	62	6	.4	-.3	.3	7.4	95	15.0	114	83	47	0	0	2	0
NEW YORK	75	56	84	50	65	4	.3	-.5	.3	5.5	55	8.1	50	89	50	0	0	1	0
ROCHESTER	73	53	78	41	63	6	.4	-.1	.2	5.8	87	10.0	88	92	55	0	0	2	0
SYRACUSE	74	52	84	44	63	6	.9	.2	.6	5.3	64	9.3	69	98	55	0	0	3	1
NC ASHEVILLE	77	54	86	43	65	2	.8	-.2	.5	5.0	44	12.7	69	98	47	0	0	5	0
CHARLOTTE	81	60	91	53	70	2	3.2	2.4	1.8	7.5	74	16.8	94	94	47	1	0	3	2
GREENSBORO	81	59	92	52	70	4	2.3	1.5	1.5	4.6	51	12.7	80	91	40	1	0	2	2
HATTERAS	78	66	80	62	72	5	1.3	.4	1.2	5.8	62	15.8	86	97	66	0	0	3	1
NEW BERN	82	65	86	58	74	4	.3	-.7	.3	5.6	62	13.2	78	91	53	0	0	2	0
RALEIGH	80	59	89	53	69	2	1.3	.5	.5	4.4	51	13.7	87	85	48	0	0	4	2
WILMINGTON	82	64	87	58	73	3	.9	-.1	.5	4.0	43	11.1	68	94	52	0	0	3	1
ND BISMARCK	67	40	79	33	53	-2	.8	.3	.8	5.2	155	5.5	128	87	37	0	0	1	1
FARGO	65	45	78	38	55	-1	2.5	2.0	1.4	5.3	132	5.6	112	87	49	0	0	3	2
GRAND FORKS	69	44	85	39	56	2	1.7	1.3	1.1	3.7	118	4.3	98	88	45	0	0	3	2
WILLISTON	67	39	80	35	53	-1	.2	-.2	.2	3.1	110	3.5	90	78	33	0	0	2	0
OH AKRON-CANTON	73	52	84	37	62	4	1.4	.5	.5	8.4	97	11.6	86	93	51	0	0	6	1
CINCINNATI	76	59	87	43	67	5	2.1	1.2	.9	13.5	138	17.4	112	85	55	0	0	5	2
CLEVELAND	73	52	83	36	62	5	1.2	.5	.5	7.7	94	12.1	94	84	44	0	0	6	0
COLUMBUS	74	54	85	37	64	3	2.3	1.5	1.1	8.7	99	11.7	85	82	53	0	0	6	2

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

Weather Data for the Week Ending May 18, 1985

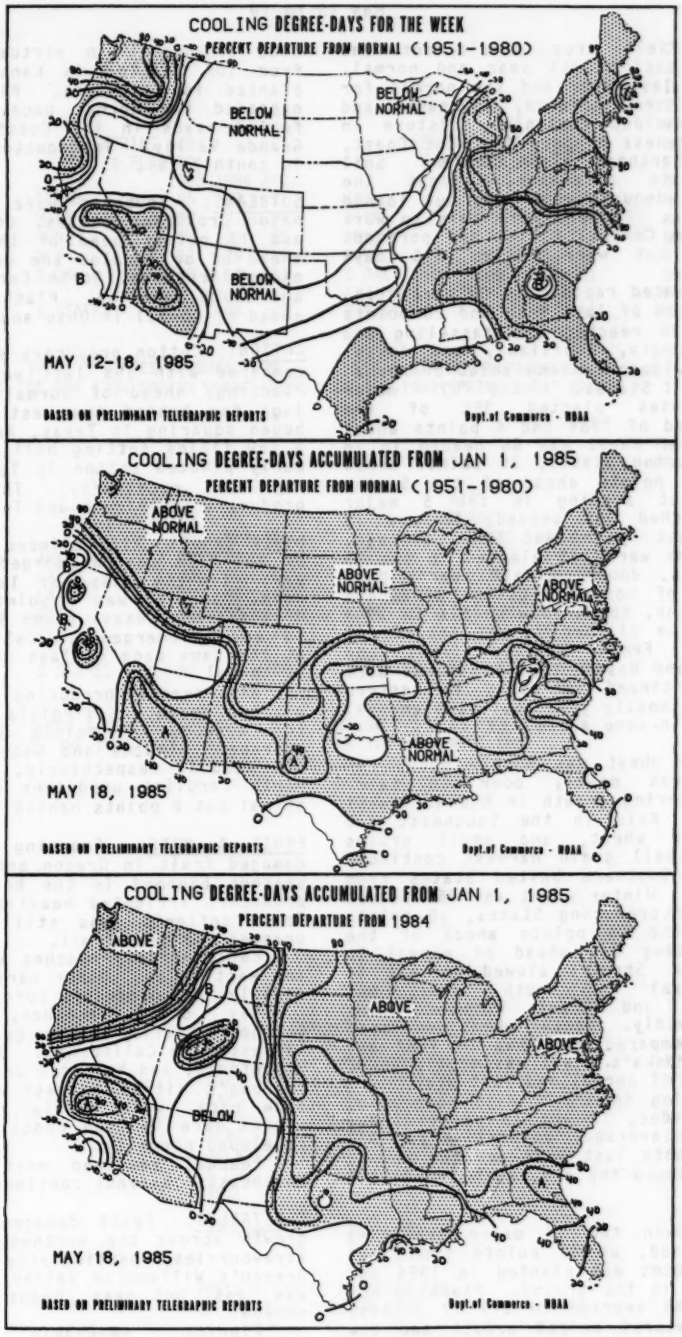
STATES AND STATIONS	TEMPERATURE °F						PRECIPITATION							RELATIVE HUMIDITY, PERCENT		NUMBER OF DAYS			
																TEMPERATURE °F		PRECIPITATION	
	AVERAGE MAXIMUM	AVERAGE MINIMUM	EXTREME HIGH	EXTREME LOW	AVERAGE	DEPARTURE FROM NORMAL	WEEKLY TOTAL, IN.	DEPARTURE FROM NORMAL	GREATEST IN 24-HOUR, IN.	TOTAL, IN., SINCE MAR. 1	PCT. NORMAL SINCE MAR. 1	TOTAL, IN., SINCE JAN 1	PCT. NORMAL SINCE JAN 1	AVERAGE MAXIMUM	AVERAGE MINIMUM	90 AND ABOVE	32 AND BELOW	.01 INCH OR MORE	.50 INCH OR MORE
DAYTON	73	56	83	43	65	3	1.3	.5	.7	10.4	120	14.2	107	78	50	0	0	5	1
TOLEDO	75	52	85	37	63	5	.3	-.4	.2	7.4	102	12.6	114	90	46	0	0	3	0
YOUNGSTOWN	72	50	83	37	61	4	.5	-.2	.2	8.4	97	10.5	77	91	50	0	0	4	0
OK OKLAHOMA CITY	77	55	85	49	66	-2	1.0	-.3	.9	13.5	166	18.1	174	82	43	0	0	2	1
TULSA	77	58	84	50	67	-1	1.2	0	1.0	12.5	122	19.4	146	88	46	0	0	2	1
OR ASTORIA	65	41	87	31	53	1	.4	-.3	.3	11.4	84	16.2	50	97	50	0	1	3	0
BURNS	62	32	70	24	47	-5	.7	.6	.6	2.0	148	2.6	118	--	--	0	2	3	1
MEDFORD	76	42	85	33	59	1	.1	-.2	.1	1.7	46	3.5	38	85	25	0	0	1	0
PENDLETON	74	44	83	33	59	1	.2	-.1	.1	1.7	62	3.5	63	77	29	0	0	3	0
PORTLAND	73	46	88	37	59	3	.2	-.3	.2	4.5	63	6.3	36	87	38	0	0	1	0
SALEM	71	40	83	30	56	1	.1	-.3	.1	5.0	63	8.7	45	92	37	0	1	1	0
PA ALLENTOWN	76	56	87	48	66	6	1.3	.5	.9	6.6	66	9.7	60	84	50	0	0	4	1
ERIE	70	55	85	46	62	8	.2	-.5	.1	7.3	88	12.6	98	87	51	0	0	4	0
HARRISBURG	69	55	83	46	62	1	2.2	1.4	1.4	8.1	92	12.1	83	88	55	0	0	5	2
PHILADELPHIA	75	56	84	50	65	3	1.5	.8	1.3	6.2	67	10.2	68	91	50	0	0	5	1
PITTSBURGH	72	52	83	38	62	3	.5	-.4	.3	7.6	85	10.4	73	89	52	0	0	5	0
SCRANTON	71	55	84	44	63	5	1.8	1.1	.8	7.6	102	9.7	82	91	48	0	0	5	2
RI PROVIDENCE	72	49	81	40	61	3	1.3	.5	.5	9.1	88	12.0	66	91	47	0	0	4	0
SC CHARLESTON	86	66	90	60	76	4	.5	-.5	.5	4.1	44	7.6	48	92	48	1	0	1	0
COLUMBIA	86	63	93	55	74	3	.5	-.3	.4	4.2	39	14.6	76	96	42	2	0	3	0
FLORENCE	85	63	90	55	74	2	.6	-.2	.3	3.4	39	10.4	66	99	44	2	0	2	0
GREENVILLE	80	61	87	53	71	3	.5	-.4	.5	4.7	37	13.9	66	90	45	0	0	2	0
SD ABERDEEN	65	45	78	39	55	-1	1.1	.5	1.1	3.6	84	3.9	72	94	48	0	0	2	1
HURON	66	46	78	42	56	-1	.8	.2	.6	6.4	136	6.8	115	85	47	0	0	2	1
RAPID CITY	69	43	74	39	56	1	.1	-.5	.1	2.1	48	2.6	48	65	24	0	0	1	0
SIOUX FALLS	65	46	79	42	56	-2	1.2	.5	.9	9.3	163	9.8	138	90	53	0	0	5	1
TN CHATTANOOGA	80	57	88	49	69	1	.7	-.2	.7	8.9	67	17.3	75	86	48	0	0	1	1
KNOXVILLE	79	56	86	48	67	0	.2	-.6	.1	6.1	53	13.5	67	99	56	0	0	3	0
MEMPHIS	81	63	88	51	72	2	.1	-1.1	.1	12.3	86	20.2	87	86	48	0	0	2	0
NASHVILLE	81	59	91	51	70	2	.2	-.9	.1	6.6	52	12.9	61	88	42	1	0	2	0
TX ABILENE	82	58	88	49	70	-2	1.6	.9	1.0	6.2	116	8.2	112	86	34	0	0	4	2
AMARILLO	75	48	85	41	62	-4	.2	-.5	.2	4.4	132	6.2	141	72	31	0	0	2	0
AUSTIN	83	68	88	62	76	1	1.1	.1	.6	5.3	73	8.7	77	92	48	0	0	3	1
BEAUMONT	84	69	88	64	77	1	.2	-.9	.2	8.8	91	19.1	109	99	64	0	0	1	0
BROWNSVILLE	89	74	92	66	82	3	1.0	.5	1.0	3.3	103	5.3	88	91	54	3	0	1	1
CORPUS CHRISTI	85	71	87	67	78	0	1.6	.9	1.2	7.3	163	12.9	168	97	62	0	0	2	1
DEL RIO	86	68	97	62	77	0	1.5	1.1	1.0	5.0	136	6.7	131	82	39	1	0	4	1
EL PASO	84	51	92	41	68	-4	T	0	T	.7	111	1.8	120	54	13	1	0	2	0
FORT WORTH	82	61	88	53	72	-2	T	-1.0	T	7.7	89	11.1	91	86	44	0	0	1	0
GALVESTON	81	73	83	68	77	1	.8	0	.7	7.7	117	16.0	134	91	62	0	0	3	1
HOUSTON	83	67	90	60	75	0	.6	-.4	.6	9.6	99	17.1	106	84	48	1	0	2	1
LUBBOCK	79	50	90	43	65	-4	.8	.2	.5	2.8	84	3.5	81	69	29	2	0	2	0
MIDLAND	83	56	91	44	70	-2	.2	-.3	.2	1.1	42	2.5	71	72	28	1	0	1	0
SAN ANGELO	85	60	93	52	72	-1	2.4	1.8	1.9	5.3	132	6.4	116	86	32	3	0	3	1
SAN ANTONIO	84	68	88	62	76	1	1.6	.8	1.4	8.0	129	12.6	131	92	49	0	0	4	1
VICTORIA	85	71	90	67	78	2	.3	-.8	.2	15.1	236	20.5	195	95	57	1	0	4	0
WACO	86	63	95	54	75	1	.5	-.6	.5	6.5	75	9.2	74	84	40	3	0	2	0
WICHITA FALLS	82	56	91	50	69	-2	1.0	-.1	.6	10.9	148	14.6	157	83	35	1	0	2	1
UT BLANDING	67	39	77	30	53	-3	.2	.1	.2	3.8	209	5.4	132	69	31	0	2	1	0
CEDAR CITY	71	39	78	29	55	-1	T	-.2	T	3.3	128	4.3	108	73	23	0	2	1	0
SALT LAKE CITY	70	46	79	39	58	0	1.0	.7	.7	4.9	100	6.6	87	82	28	0	0	3	1
VT BURLINGTON	70	47	84	37	58	3	1.3	.7	.5	6.7	101	9.3	91	84	41	0	0	4	0
VA NORFOLK	78	62	84	57	70	4	.6	-.3	.4	3.9	43	11.4	72	96	54	0	0	3	0
RICHMOND	80	60	91	57	70	5	.2	-.6	.2	3.5	41	10.3	70	93	45	2	0	2	0
ROANOKE	81	59	92	50	70	5	1.0	.3	.7	5.3	60	11.4	77	89	39	1	0	4	1
WA COLVILLE	74	42	85	27	58	3	.1	-.3	.1	1.9	61	4.3	63	70	30	0	1	1	0
QUILLAYUTE	69	42	92	33	56	5	.3	-.8	.2	17.1	80	25.2	52	93	41	1	0	2	0
SEATTLE-TACOMA	66	45	84	38	56	1	.2	-.2	.1	4.3	62	7.5	44	86	43	0	0	2	0
SPOKANE	71	42	82	25	57	3	.3	0	.3	2.3	72	3.6	49	72	25	0	1	1	0
YAKIMA	77	44	87	27	61	4	.4	.3	.4	1.1	77	1.8	50	74	24	0	1	1	0
WV BECKLEY	72	51	84	38	62	2	1.9	1.0	.7	6.0	60	10.3	62	100	56	0	0	6	2
CHARLESTON	79	56	93	46	68	4	2.6	1.7	1.0	9.7	100	15.0	92	90	49	2	0	6	2
HUNTINGTON	78	56	88	48	67	3	1.8	.9	.8	7.3	74	13.3	84	100	52	0	0	5	1
PARKERSBURG	77	57	91	43	67	5	1.6	.6	1.2	9.7	99	13.2	80	93	50	1	0	4	1
WI GREEN BAY	69	49	73	44	59	4	.6	-.1	.1	6.8	106	10.2	119	83	48	0	0	6	0
LA CROSSE	69	47	81	42	58	-1	.4	-.4	.4	6.3	89	8.5	96	80	42	0	0	3	0
MADISON	70	48	83	40	59	3	1.6	.9	1.4	6.6	92	9.9	106	82	46	0	0	5	1
MILWAUKEE	66	50	78	42	58	4	1.3	.7	.5	7.4	99	11.7	113	96	60	0	0	6	0
WAUSAU	67	49	74	45	58	3	1.6	.8	1.3	7.0	101	8.2	93	92	47	0	0	4	1
WY CASPER	61	34	67	29	48	-5	.3	-.2	.3	2.5	67	3.9	81	91	35	0	4	1	0
CHEYENNE	58	35	65	31	47	-5	.5	-.1	.2	2.1	58	2.9	66	91	38	0	2	5	0
LANDER	64	40	70	32	52	-1	.4	-.2	.3	1.9	39	2.6	43	67	30	0	1	3	0
SHERIDAN	64	37	73	31	51	-2	.1	-.5	.1	2.2	48	3.3	56	67	28	0	2	2	0
PR SAN JUAN	84	73	88	72	79	-2	4.4	3.1	2.1	9.2	100	14.4	101	93	71	0	0	7	3

BASED ON PRELIMINARY REPORTS AND 1951-80 NORMALS

COOLING DEGREE DAY DATA WEEKLY SUMMARY
CLIMATE ANALYSIS CENTER-NMC-NWS-NOAA
ASSESSMENT AND INFORMATION SERVICES CENTER-NESDIS-NOAA

LAST DATE OF DATA COLLECTION PERIOD IS 5-18-1985
ACCUMULATIONS ARE FROM JANUARY 1
** = NORMAL LESS THAN 100 OR RATIO INCALCULABLE

STATE CITY	CALL	WEEK TOTAL	WEEK DEV FROM NORM	WEEK DEV FROM L YR	CUM TOTAL	CUM DEV FROM NORM	CUM DEV FROM L YR	CUM DEV FROM NORM PRCT	CUM DEV FROM L YR PRCT
AL BIRMINGHAM	BHM	46	7	20	199	42	99	27	99
AL MOBILE	MOB	60	-7	6	359	5	105	1	41
AL MONTGOMERY	MGM	63	12	29	315	70	118	29	60
AK ANCHORAGE	ANC	0	0	0	0	0	0	**	**
AK BARROW	BRW	0	0	0	0	0	0	**	**
AK FAIRBANKS	FAI	0	0	0	0	0	0	**	**
AK JUNEAU	JNU	0	0	0	0	0	0	**	**
AK KODIAK	ADQ	0	0	0	0	0	0	**	**
AK NOME	OME	0	0	0	0	0	0	**	**
AZ FLAGSTAFF	FLG	0	0	0	0	0	0	**	**
AZ PHOENIX	PHX	124	42	-26	704	307	70	77	11
AZ PRESCOTT	PRC	0	-2	-21	1	-1	-28	**	**
AZ TUCSON	TUS	60	6	-39	344	108	41	46	14
AZ WINSLOW	INW	4	-2	-26	13	2	-30	**	**
AZ YUMA	YUM	107	17	-25	706	157	49	31	7
AR FORT SMITH	FSM	21	-16	-20	134	8	58	6	76
AR LITTLE ROCK	1M1	46	5	4	196	44	89	29	83
CA BAKERSFIELD	BFL	30	-15	3	160	-18	90	-10	129
CA EUREKA	EKA	0	0	0	13	13	13	**	**
CA FRESNO	FAT	36	8	-9	179	77	46	75	35
CA LOS ANGELES	LAX	0	-4	-6	43	-5	-7	**	**
CA RED BLUFF	RBL	35	8	4	136	35	73	35	116
CA SACRAMENTO	SAC	11	-3	-19	42	-15	-14	**	**
CA SAN DIEGO	SAN	2	-2	-14	31	-18	-92	**	**
CA SAN FRANCISCO	SFO	1	1	-2	7	7	-4	**	**
CA STOCKTON	SCK	12	-8	-14	36	-31	-12	**	**
CO DENVER	DEN	0	0	-10	10	10	0	**	**
CO GRAND JUNCTION	GJT	3	-8	-33	17	0	-25	**	**
CO PUEBLO	PUB	0	-8	-21	19	11	-10	**	**
CT BRIDGEPORT	BDR	6	2	6	17	12	17	**	**
CT HARTFORD	BDL	12	7	12	28	23	28	**	**
DE WILMINGTON	ILG	26	19	25	102	91	100	**	**
DC WASHINGTON	DCA	33	14	26	147	102	132	**	**
FL APALACHICOLA	AQQ	78	12	32	332	4	112	1	51
FL DAYTONA BEACH	DAB	83	12	42	532	44	199	9	60
FL FORT MEYER	FMY	116	26	21	932	123	194	15	26
FL JACKSONVILLE	JAX	85	22	50	411	85	105	26	34
FL KEY WEST	EYW	124	15	19	1279	-5	76	0	6
FL MIAMI	MIA	116	22	34	989	-55	53	-5	6
FL ORLANDO	MCO	98	12	37	635	-54	139	-8	28
FL TALLAHASSEE	TLH	85	24	37	386	61	118	19	44
FL TAMPA	TPA	109	24	29	773	114	163	17	27
FL WEST PALM BEACH	PBI	102	14	19	892	31	117	4	15
GA ATLANTA	ATL	54	18	33	184	64	108	53	142
GA AUGUSTA	AGS	80	33	53	280	119	154	74	122
GA MACON	MCN	78	26	46	248	8	47	3	23
GA SAVANNAH	SAV	86	27	50	374	106	124	40	49
HI HILO-HAWAII	ITO	40	-22	-25	723	-225	-196	-24	-35
HI HONOLULU-OAHU	HNL	78	-9	-20	1275	-13	-250	-1	-17
HI KAHULUI-MAUI	OGG	54	-23	-47	979	-121	-483	-11	-33
HI LIHUE-KAUAI	LIH	64	-9	-29	1119	82	-324	8	-22
ID BOISE	BOI	0	-4	-3	10	5	7	**	**
ID LEWISTON	LWS	16	12	16	21	16	18	**	**
ID POCATELLO	PIH	3	-1	-8	4	3	-4	**	**
IL CHICAGO	ORD	8	1	-3	74	60	69	**	**
IL MOLINE	MLI	7	-7	-7	91	67	77	**	**
IL PEORIA	PIA	10	-4	1	73	46	57	**	**
IL QUINCY	UIN	9	-9	-9	90	57	70	**	**
IL ROCKFORD	RFD	3	-5	-6	62	47	59	**	**
IL SPRINGFIELD	SPI	14	-7	6	88	40	70	**	**
IN EVANSVILLE	EVV	33	8	28	100	24	71	**	**
IN FORT WAYNE	FWA	32	21	25	93	71	88	**	**
IN INDIANAPOLIS	IND	28	12	27	78	46	71	**	**
IN SOUTH BEND	SBN	20	12	10	89	74	84	**	**
IA DES MOINES	DSM	0	-14	-17	65	42	50	**	**
IA DUBUQUE	DBQ	0	-7	-9	51	41	46	**	**
IA SIOUX CITY	SUX	0	-9	-8	67	49	55	**	**
IA WATERLOO	ALO	1	-6	-11	63	54	53	**	**
KS CONCORDIA	CNK	0	-15	-30	37	7	12	**	**
KS DODGE CITY	DDC	0	-18	-34	51	6	18	**	**
KS GOODLAND	GLD	0	-4	-4	24	17	20	**	**
KS TOPEKA	TOP	2	-21	-35	74	17	29	**	**
KS WICHITA	ICT	1	-23	-31	67	-10	29	**	**
KY BOWLING GREEN	BWG	37	10	34	100	16	80	**	**
KY LEXINGTON	LEX	22	2	20	77	7	54	**	**
KY LOUISVILLE	SDF	32	9	28	113	36	83	**	**
LA ALEXANDRIA	AEX	63	2	-10	346	22	47	7	16
LA BATON ROUGE	BTR	66	-1	-13	385	20	29	5	8
LA LAKE CHARLES	LCH	80	13	-9	421	53	-23	14	-5
LA NEW ORLEANS	MSY	77	10	11	419	7	93	2	29
LA SHREVEPORT	SHV	53	0	-13	284	8	35	3	14
ME CARIBOU	CAR	0	0	0	0	0	0	**	**
ME PORTLAND	PWM	0	0	0	5	5	5	**	**
MD BALTIMORE	BWI	23	11	21	100	77	97	**	**
MD SALISBURY	SBY	31	24	29	114	103	106	**	**
MA BOSTON	BOS	0	-3	0	21	18	18	**	**
MA CHATHAM	CHH	0	0	0	0	0	0	**	**
MI ALPENA	APN	4	4	4	18	18	18	**	**
MI DETROIT	DTW	11	4	7	41	30	40	**	**
MI FLINT	FNT	7	2	7	46	41	46	**	**
MI GRAND RAPIDS	GRR	9	3	4	57	46	50	**	**
MI HOUGHTON LAKE	HTL	5	2	5	32	29	32	**	**
MI LANSING	LAN	7	1	3	50	39	45	**	**
MI MARQUETTE	MQT	0	-4	-1	11	6	11	**	**
MI MUSKEGON	MKG	5	1	5	44	40	43	**	**
MI SAULT ST MARIE	SSM	1	-2	1	4	1	4	**	**
MN ALEXANDRIA	AXN	0	-5	-8	26	21	24	**	**
MN DULUTH	DLH	0	0	-1	7	7	7	**	**
MN INT'L FALLS	INL	0	-4	0	0	-4	0	**	**
MN MINNEAPOLIS	MSP	0	-7	-3	55	43	52	**	**
MN ROCHESTER	RST	0	-4	0	43	35	43	**	**
MN SAINT CLOUD	STC	0	-4	-4	37	30	33	**	**
MS GREENWOOD	GWO	52	-2	5	268	19	70	8	35
MS JACKSON	JAN	47	-5	7	275	11	40	4	17
MS MERIDIAN	MEI	46	-3	27	281	46	143	20	104
MO CAPE GIRARDEAU	CGI	34	3	16	124	36	77	**	**
MO COLUMBIA	COU	7	-11	-4	67	15	42	**	**
MO KANSAS CITY	MCI	2	-18	-17	77	24	56	**	**
MO SAINT LOUIS	STL	22	-2	3	128	61	85	**	**
MO SPRINGFIELD	SGF	20	-1	-1	71	-3	34	**	**
MT BILLINGS	BIL	0	0	-15	13	13	-2	**	**
MT GLASGOW	GGW	0	0	-14	10	10	-4	**	**
MT GREAT FALLS	GTF	0	0	-3	6	6	-2	**	**
MT HAVRE	HVR	0	-2	-8	10	8	2	**	**
MT HELENA	HLN	0	0	-4	0	0	-4	**	**
MT KALISPELL	FCA	0	0	0	0	0	0	**	**
MT MILES CITY	MLS	0	-4	-18	21	17	3	**	**
MT MISSOULA	MSO	0	0	0	0	0	0	**	**
NE GRAND ISLAND	GRI	0	-8	-22	65	53	41	**	**
NE LINCOLN	LNK	0	-11	-15	55	35	41	**	**
NE NORFOLK	OFK	0	-7	-11	63	52	51	**	**
NE NORTH PLATTE	LBF	0	-4	-21	32	26	12	**	**
NE OMAHA	OMA	0	-14	-15	71	36	55	**	**
NE SCOTTSBLUFF	BFF	0	-1	-19	27	26	8	**	**
NE VALENTINE	VTN	0	-1	-18	48	47	31	**	**
NV ELY	ELY	0	0	0	0	0	0	**	**
NV LAS VEGAS	LAS	72	10	-16	342	114	87	50	34
NV RENO	RNO	0	-2	0	0	-2	-1	**	**
NV WINNEMUCCA	WMC	0	-4	0	0	-7	0	**	**
NH CONCORD	CON	3	2	3	11	10	11	**	**
NJ ATLANTIC CITY	ACY	24	20	24	86	80	86	**	**
NM ALBUQUERQUE	ABQ	3	-4	-36	18	8	-39	**	**
NM CLOVIS	CVS	1	-10	-24	38	18	-9	**	**
NM ROSWELL	ROW	8	-26	-32	130	12	-16	10	-11
NY ALBANY	ALB	13	7	13	29	23	29	**	**
NY BINGHAMTON	BGM	14	14	14	38	38	38	**	**
NY BUFFALO	BUF	11	7	11	40	32	35	**	**
NY NEW YORK	LGA	20	12	20	56	42	56	**	**
NY ROCHESTER	ROC	6	0	6	26	18	25	**	**
NY SYRACUSE	SYR	10	4	10	30	21	30	**	**
NC ASHEVILLE	AVL	22	9	22	31	7	30	**	**
NC CAPE HATTERAS	HAT	51	33	33	175	112	127	**	**
NC CHARLOTTE	CLT	43	10	25	134	33	92	33	219
NC GREENSBORO	GSO	42	14	39	126	41	104	**	**
NC NEW BERN	EWN	63	24	39	286	163	173	133	153
NC RALEIGH DURHAM	RDU	33	7	19	148	65	101	**	**
NC WILMINGTON	ILM	59	20	41	305	143	196	88	180
ND BISMARCK	BIS	0	-1	-8	14	13	6	**	**
ND FARGO	FAR	0	-4	-9	31	27	22	**	**
ND GRAND FORKS	GFK	0	-7	-10	30	20	20	**	**
ND WILLISTON	ISN	0	-2	-8	13	11	5	**	**
OH AKRON-CANTON	CAK	18	11	18	60	47	57	**	**
OH CLEVELAND	CLE	15	8	15	62	49	59	**	**
OH COLUMBUS	CMH	24	10	23	63	41	55	**	**
OH CINCINNATI	CVG	36	18	36	102	64	87	**	**
OH DAYTON	DAY	26	12	24	69	40	53	**	**
OH TOLEDO	TOL	20	15	13	61	51	56	**	**
OH YOUNGSTOWN	YNG	11	5	11	55	45	49	**	**
OK OKLAHOMA CITY	OKC	14	-16	-52	111	-6	14	-5	14
OK TULSA	TUL	23	-10	-30	150	20	61	15	69
OR ASTORIA	AST	3	3	3	3	3	3	**	**
OR BURNS	4BW	0	-1	0	13	12	13	**	**
OR MEDFORD	MFR	2	-2	2	2	-4	2	**	**
OR PENDLETON	PDT	8	5	8	9	6	8	**	**
OR PORTLAND	PDX	5	5	5	5	5	5	**	**
OR SALEM	SLE	0	0	0	0	0	0	**	**
PA ALLENTOWN	ABE	25	18	25	67	55	67	**	**
PA ERIE	ERI	11	9	11	43	41	38	**	**
PA HARRISBURG	CXY	19	8	19	90	68	90	**	**
PA PHILADELPHIA	PHL	20	9	20	66	48	56	**	**
PA PITTSBURGH	PIT	12	5	12	56	44	53	**	**
PA SCRANTON	AVP	16	12	16	42	34	42	**	**
RI PROVIDENCE	PWD	2	0	2	24	22	24	**	**
SC CHARLESTON	CHS	77	27	43	345	147	155	74	82
SC COLUMBIA	CAE	66	16	40	248	41	138	20	125
SC FLORENCE	FLO	62	13	39	253	48	141	23	126
SC GREENVILLE	GSP	43	13	27	120	22	87	**	**
SD ABERDEEN	ABR	0	-3	-6	44	41	38	**	**
SD HURON	HON	0	-4	-7	40	36	33	**	**
SD RAPID CITY	RAP	0	0	-12	39	39	27	**	**
SD SIOUX FALLS	FSD	0	-5	-3	47	41	44	**	**
TN CHATTANOOGA	CHA	34	3	22	96	-5	62	-5	182
TN KNOXVILLE	TYS	29	-1	21	66	-31	40	**	**
TN MEMPHIS	MEM	55	9	12	254	87	122	52	92
TN NASHVILLE	BNA	44	11	37	151	45	110	42	268
TX ABILENE	ABI	38	-13	-43	264	14	-2	6	-1
TX AMARILLO	AMA	3	-18	-29	88	31	37	**	**
TX AUSTIN	AUS	75	8	-14	452	55	-74	14	-14
TX BROWNSVILLE	BRO	120	22	22	522	78	40	9	5
TX CORPUS CHRISTI	CRP	95	5	18	611	-67	-5	-10	-1
TX DEL RIO	DRT	85	-1	12	482	-65	-84	-12	-15
TX EL PASO	ELP	26	-19	-30	164	11	-22	7	-12
TX FORT WORTH	DFW	48	-12	-36	285	-32	-53	-10	23
TX GALVESTON	GLS	85	12	3	407	23	88	6	28
TX HOUSTON	IAH	70	3	-5	466	66	56	17	14
TX LUBBOCK	LBB	17	-15	-26	141	35	36	33	34
TX MIDLAND ODESSA	MAF	35	-13	-13	301	106	69	54	30
TX BEAUMONT	BPT	84	11	3	532	140	157	36	42
TX SAN ANGELO	SJT	53	-7	-16	362	60	62	20	21
TX SAN ANTONIO	SAT	78	6	0	448	3	-45	1	-9
TX VICTORIA	VCT	94	14	23	564	50	37	10	7
TX WACO	ACT	68	6	-28	385	39	50	11	15
TX WICHITA FALLS	SPS	31	-20	-48	168	-43	2	-20	1
UT BLANDING	4BL	0	-3	-16	0	-3	-19	**	**
UT CEDAR CITY	CDC	0	-2	-11	3	1	-11	**	**
UT SALT LAKE CITY	SLC	1	-5	-19	48	38	25	**	**
VT BURLINGTON	BTV	7	1	7	7	-3	7	**	**
VA LYNCHBURG	LYH	35	19	30	123	83	100	**	**
VA NORFOLK	ORF	35	15	22	192	140	152	**	**
VA RICHMOND	RIC	41	20	35	192	136	167	**	**
VA ROANOKE	ROA	41	22	37	159	115	131	**	**
WA COLVILLE	63S	1	1	1	1	1	1	**	**
WA QUILLAYUTE	UIL	7	7	7	7	7	7	**	**
WA SEATTLE-TACOMA	SEA	2	2	2	2	2	2	**	**
WA SPOKANE	GEG	4	1	4	4	1	4	**	**
WA WALLA WALLA	ALW	25	21	24	35	28	26	**	**
WA YAKIMA	YKM	17	14	17	17	14	17	**	**
WV BECKLEY	BKW	12	6	12	39	28	30	**	**
WV CHARLESTON	CRW	40	22	40	137	94	106	**	**
WV HUNTINGTON	HTS	31	8	29	103	38	67	**	**
WV PARKERSBURG	PKB	37	17	37	115	75	98	**	**
WI GREEN BAY	GRB	0	-5	-3	23	18	23	**	**
WI LACROSSE	LSE	1	-6	1	68	54	66	**	**
WI MADISON	MSN	1	-6	-4	52	45	51	**	**
WI MILWAUKEE	MKE	3	-1	-8	59	52	57	**	**
WI WAUSAU	AUW	0	-4	0	32	28	32	**	**
WY CASPER	CPR	0	0	-5	0	0	-9	**	**
WY CHEYENNE	CYS	0	0	0	0	0	0	**	**
WY LANDER	LND	0	0	-2	3	3	1	**	**
WY SHERIDAN	SHR	0	0	-3	3	3	0	**	**


COOLING DEGREE-DAYS FOR THE WEEK
PERCENT DEPARTURE FROM NORMAL (1951-1980)
BELOW NORMAL
BELOW NORMAL
BELOW NORMAL
MAY 12-18, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA
COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1, 1985
PERCENT DEPARTURE FROM NORMAL (1951-1980)
ABOVE NORMAL
ABOVE NORMAL
ABOVE NORMAL
ABOVE NORMAL
MAY 18, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA
COOLING DEGREE-DAYS ACCUMULATED FROM JAN 1, 1985
PERCENT DEPARTURE FROM 1984
ABOVE
ABOVE
ABOVE
BELOW
MAY 18, 1985
BASED ON PRELIMINARY TELEGRAPHIC REPORTS
Dept.of Commerce - NOAA

NATIONAL AGRICULTURAL SUMMARY

May 13 to 19

HIGHLIGHTS: Major field crop development and seeding continued outpacing last year and normal. Seeding was ahead of last year and the normal for spring wheat, rice, corn, sorghum, soybeans, and cotton. Heavy rain helped replenish moisture in the Northeast, but dryness plagued the West Coast, Mountain, and some Northern Plain States. Soil moisture was adequate elsewhere, except the Southeast had mostly adequate readings, but leaned towards becoming short. Farmers were able to work 3 days or less in the Central Plains and portions of the Corn Belt, but were active 5-6 days elsewhere.

Corn planting advanced rapidly to 90 percent(%) planted, 26 points ahead of last year and 20 points ahead of normal. Corn reached the tasseling and silking stage in Georgia, Louisiana, and Texas. Sorghum planting was widespread and ahead of normal in virtually all States. The 7 major sorghum-producing States planted 38% of the sorghum, 7 points ahead of 1984 and 4 points ahead of the average. Winter wheat was 66 headed in 16 of the 18 major producing States, 36 points ahead of last year and 24 points ahead of the 5-year average. Spring wheat seeding in the 5 major producing States reached 96% seeded, 12 and 13 points ahead of last year and the average, respectively. Soybeans were 34% planted in the 19 major producing States, doubling last year's pace and 11 points ahead of normal. Cotton producers seeded 70% of the cotton, compared with 57% in 1984 and 64% normally. Rice climbed to 85% seeded, of which 66% emerged. Frost damaged fruit and vegetables in Oregon and Washington. Pastures were fair to good and continued improving in eastern areas. Livestock were mostly good, but supplemental feeding was necessary in some areas.

SMALL GRAINS: Winter wheat was mostly good, but southeastern wheat was mostly poor to fair. Dryness continued hampering growth in the Northwest and Mountain States. Rain in the Southeast did very little to help wheat, and small grains improve. Wheat and small grain harvest continued spreading across the Southern United States from California to Florida. Winter wheat was 66% headed in 16 of the 18 major producing States, 36 points ahead of last year and 24 points ahead of the 5-year average. Heading was ahead of normal in nearly all 18 States. Showers slowed harvest in the Blackland, Central and South Texas, but dryland, low Plains and Cross Timbers wheat continued maturing rapidly. Kansas wheat developed rapidly, 98% headed compared with 15% in 1984 and the 40% average. Nebraska's wheat was mostly good, with development ahead of normal and last year.

Spring wheat seeding in the 5 major producing States reached 96% seeded, 12 and 13 points ahead of last year and the average, respectively. All States were ahead of both last year and the normal except Idaho, which closed the gap, but was still 7 points behind normal.

CORN: Corn planting in the 17 major producing States rapidly increased, up 12 points from last week. Sixty-four percent was planted in 1984 and about 70% is normally in the ground. Planting was ahead of last year and average in all 17 States. Rain and warm temperatures helped growth and the seed germination, especially in the Southeast. The crop rated good. Corn reached the tasselling and silking stage in Texas, Louisiana and Georgia.

SORGHUM: The 7 major sorghum States planted 38% of the sorghum, 7 points ahead of 1984 and 4 points ahead of the average. Planting was widespread and head of normal in virtually all States, ranging from 10% planted in Kansas and Oklahoma to 93% planted in Louisiana. Planting in Texas finally exceeded the normal pace. Early planted sorghum formed heads in the Coastal Bend and in the Rio Grande Valley. Inadequate moisture slowed heading in south Texas.

SOYBEANS: Soybeans were 34% planted in the 19 major producing States, doubling last year's pace and 11 points head of the normal. Planting was ahead of or equaled the normal pace in all States except Arkansas, North Carolina, Alabama, Georgia, and South Carolina. Planting was 30 and 20 points ahead of normal in Ohio and Illinois, respectively.

COTTON: Cotton producers seeded 70% of the cotton, compared with 59% last year and the 64% average. Planting, ahead of normal in Texas and Oklahoma, lags far behind the rest of the Nation. Cotton began squaring in Texas, Arizona, and Georgia, with a few fields setting bolls in Texas. Hail damaged early planted cotton in Texas, and some replanting may be necessary. Thrips concerned cotton producers in Arizona and Texas.

OTHER CROPS: Rice climbed to 85% seeded, with 66% of the rice seeded emerged. Seeding and emergance were slightly ahead of last year and the normal pace. Seeding was 3 points behind normal in both Arkansas and Texas. Some Texas fields were watered to ensure emergance. California producers seeded at the same pace as last year, but 18 points ahead of normal.

All peanut producing States except Oklahoma planted peanuts. Virginia producers seeded 95% of the acreage, 2 points ahead of 1984 and the average. Alabama and Georgia peanuts were 91 and 81% seeded, respectively, which was about normal. North Carolina producers were 3 points ahead of normal but 6 points behind last year.

FRUIT & NUTS: Freezing temperatures and frost damaged fruit in Oregon and Washington. Apples and peaches bloomed in the Northeast. Florida citrus producers irrigated heavily to combat the drought. Fruit softening was still a problem in Valencia oranges and grapefruit.

Early variety peaches were harvested in central and east Texas. Other varieties continued maturing rapidly, and producers sprayed to control insects.

May crest peaches, Maybelle nectarines, Coachella Valley table grapes, and cherries were harvested in California. Desert grapefruit, summer grapefruit, and Valencia orange harvests continued. Arizona's citrus harvest continued at a seasonal slow pace, with mostly Valencia oranges picked. Groves were in good condition, and new crop fruit developed normally.

Peaches remained mostly poor throughout the Southeast. Harvest continued in Georgia.

VEGETABLES: Frost damaged vegetables and reduced growth across the Northwest. Heavy frost damaged strawberries, particularly the Totem variety, in Oregon's Willamette Valley. Other vegetable damage was less, but peas, beans and early potatoes were nipped.

Florida vegetable shipments continued increasing, up 11% from last week. Celery, eggplants potatoes, and watermelons contributed heavily to the increase. Rain was badly needed in most vegetable producing areas. Watermelon harvest continued in the Immokalee area and moved into western and central Florida.

(Continued to back cover)

CROP PROGRESS

FOR WEEK ENDING MAY 19, 1985

COTTON
% PLANTED

	1985	1984	AVG.
ALA	99	89	92
ARIZ	97	99	98
ARK	88	75	85
CALIF	99	100	100
GA	88	75	84
LA	95	77	77
MISS	91	81	88
MO	87	79	83
N MEX	90	75	78
N C	85	85	87
OKLA	25	10	15
S C	98	88	92
TENN	85	75	80
TEX	50	36	42
14 STATES	70	59	64

THESE 14 STATES PRODUCED 100% OF THE 1984 COTTON CROP.

SPRING WHEAT
% PLANTED

	1985	1984	AVG.
IDAHO	85	82	92
MINN	92	91	90
MONT	95	90	85
N D	97	79	75
S DAK	100	84	93
5 STATES	96	84	83

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

SPRING WHEAT
% EMERGED

	1985	1984	AVG.
IDAHO	58	61	78
MINN	78	59	69
MONT	70	60	50
N D	79	35	43
S DAK	100	65	81
5 STATES	80	49	56

THESE 5 STATES PRODUCED 92% OF THE 1984 SPRING WHEAT CROP.

CORN
% PLANTED

	1985	1984	AVG.
COLO	85	75	70
GA	100	97	98
ILL	93	73	78
IND	92	60	60
IOWA	100	78	81
KANS	80	50	60
KY	84	42	62
MICH	90	70	61
MINN	84	59	71
MO	91	55	69
NEBR	80	60	65
N C	99	93	96
OHIO	96	45	60
PA	75	29	46
S DAK	76	27	47
TEX	99	99	97
WIS	74	49	58
17 STATES	90	64	70

THESE 17 STATES PRODUCED 93% OF THE 1984 CORN CROP.

RICE
% PLANTED

	1985	1984	AVG.
ARK	75	67	78
CALIF	80	80	62
LA	96	88	89
MISS	98	80	87
TEX	95	100	98
5 STATES	85	79	81

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

RICE
% EMERGED

	1985	1984	AVG.
ARK	55	41	51
CALIF	45	45	29
LA	91	79	82
MISS	90	45	60
TEX	75	94	92
5 STATES	66	57	60

THESE 5 STATES PRODUCED 97% OF THE 1984 RICE CROP.

SOYBEANS
% PLANTED

	1985	1984	AVG.
ALA	25	20	29
ARK	10	10	12
GA	31	26	34
ILL	53	26	33
IND	40	15	25
IOWA	40	13	22
KANS	10	5	10
KY	16	3	13
LA	36	30	21
MICH	25	15	19
MINN	34	13	29
MISS	33	14	20
MO	30	10	18
NEBR	15	6	10
N C	27	19	29
OHIO	60	20	30
S C	15	11	20
S DAK	23	6	21
TENN	15	10	15
19 STATES	34	15	23

THESE 19 STATES PRODUCED 94% OF THE 1984 SOYBEAN CROP.

SORGHUM
% PLANTED

	1985	1984	AVG.
ARK	79	67	71
KANS	10	4	10
MO	36	28	32
NEBR	25	4	10
OKLA	10	10	20
S DAK	16	5	9
TEX	75	68	72
7 STATES	38	29	34

THESE 7 STATES PRODUCED 83% OF THE 1984 SORGHUM CROP.

WINTER WHEAT
% HEADED

	1985	1984	AVG.
ARK	98	100	NA
CALIF	99	100	97
COLO	22	0	8
GA	99	99	NA
IDAHO	0	0	0
ILL	77	9	42
IND	75	2	20
KANS	98	15	40
MICH	5	0	0
MO	93	27	47
MONT	0	0	0
NEBR	30	1	12
OHIO	50	0	5
OKLA	98	85	90
OREG	2	2	16
S DAK	4	0	4
TEX	88	76	82
WASH	1	2	6
18 STATES	67	33	NA
EXCL. STATES WITH NA	66	30	42

THESE 18 STATES PRODUCED 88% OF THE 1984 WINTER WHEAT CROP.

NA - NOT AVAILABLE

State Summaries of Weather and Agriculture

These summaries provide brief descriptions of crop and weather conditions important on a national scale. More detailed data are available in Weather and Crop Bulletins published each Monday by SRS State Statistical Offices in cooperation with the National Weather Service.

ALABAMA: Rainfall less than 0.20 in. most locations. Temperature averages near normal.

Fieldwork: 4.8 days. Soil moisture short to adequate in southern one-third of State, adequate elsewhere. Plowing 96% completed. Wheat turning color 70%, 42% 1984, 50% avg. Cotton planted 99%, 89% 1984, 92% avg. Peanuts planted 88%, 82% 1984, 87% avg. Sorghum planted 50%, 36% 1984, 33% avg. Soybeans planted 25%, 20% 1984, 29% avg. Activities: Care of livestock and poultry, planting cotton, soybeans, sorghum, peanuts, spraying fruit trees, seedbed preparation, crop cultivation. Fieldwork on schedule. Livestock, pasture fair to good; pasture feed short to adequate, stored feed short.

ALASKA: Cool and moist weather covered most areas. Temperatures cooler than normal. Precipitation below normal most areas. Cool weather, wet fields, some snow cover continued to hamper fieldwork, many areas, Railbelt. Fieldwork limited to lighter soil, progress up to 20 days behind schedule. Barley, oat grain seeding began late week Delta area, up to 50% complete Matanuska Valley. Hayfields, pastures very little green-up to date. Livestock fair to good. Ground moisture, adequate to surplus.

ARIZONA: Warming trend through 15th; mostly sunny south, partly cloudy over north. Cloudy 16th to 17th; light showers over central basins, White Mountains northward. Sunny skies returned to most sections on 18th except for late afternoon showers Flagstaff area. Rainfall amounts ranged from traces to 0.02 in. Average temperatures varied from 3° below normal Winslow to 5° above Phoenix.

Cotton 97% seeded, 99% 1984, 98% avg. Plants squaring early planted fields. Thrips a concern most areas, some growers spraying to insure control. Stands mostly good, growth normal. Wheat, barley good condition; 87% turning color. Barley harvest increasing central valley. Wheat combining underway. Alfalfa stands good, harvest active. Hay quality good to excellent. Dry onions, green onions, carrots, squash, cabbage packed central valley. Digging chipper, table potatoes near peak volume. Lettuce packing beginning Willcox area; quality excellent, market demand weak. Some artichokes harvested Parker-Poston area. Citrus harvest continued at seasonal slow pace, mostly Valencia oranges picked. Small pick of lemons, grapefruit by demand only. Groves good condition, new crop development normal.

ARKANSAS: Temperatures near normal. Rainfall over most of State, generally light. Lowest temperature 39°; 91°. Precipitation none to 1.34 in.

Soil moisture adequate. Days suitable for fieldwork 6.0. Major activities cutting hay, fertilizing, applying herbicides, planting. Rice 75% planted, 67% 1984, 78% avg. Rice 55% emerged, 41% 1984, 51% avg. Cotton 88% planted, 75% 1984, 85% avg. Winter wheat 98% headed, 100% 1984. Sorghum 79% planted, 67% 1984, 71% avg. Soybeans 10% planted, 10% 1984, 12% avg.

CALIFORNIA: Typical late spring week for temperatures, precipitation. All zones throughout State near normal for temperatures and no rainfall recorded at any locations in State. Temperatures ranged from a low 20°. Alturas to a high of 99° Thermal, Blythe.

Excellent week for fieldwork. Small grains matured well. Baling oat hay and green chopping continued. Some harvest of small grains. Winter wheat 99% headed, 100% 1984, 97% avg. Rice 80% planted, 80% 1984, 62% avg. Rice 45% emerged, 45% 1984, 29% avg. Cotton 99% planted, 100% 1984, 100% avg. Corn, sugarbeets, sunflower, safflower irrigated, planted. Overwintered sugarbeets harvested. Alfalfa baled and irrigated. Apricot harvest began. Good quality, production in early varities. Cherry harvest continued, some Bings harvested. Coachella Valley table grape harvest began. Grapes central valley sprayed for bunch rot, leafhoppers. Peaches, plums, nectarines, sprayed for twig borer, codling moth, oriental fruit moth. May Crest peashes, Maybelle nectarine harvest started. Olive bloom neared completion. Desert grapefruit, summer grapefruit, Valencia orange harvest continued. Some small sizes in Valencias. Most Valencias going for export. Some Valencia growers reported heavy infestations of thrips, spraying to control started. Atrichokes moderate supply central coast good quality. Asparagus harvest remained heavy delta, central valley district good quality. Cauliflower moderate supply Salinas-Watsonville, Santa Maria, variable quality. Carrot supply moderate central coast variable quality reported. Broccoli heavy supply good quality Salinas-Watsonville while Santa Maria fairly heavy supply equal quality. Cantaloup miscellaneous melons growing weel desert, San Joaquin Valley bees working fields, vines approaching bloom stage. Celery harvest very light supply Santa Maria harvest begins. Sweet corn harvest continue light Coachella Valley. Lettuce very heavy supply central coast quality, weight variable. South coast lettuce supply fairly heavy. San Joaquin Valley harvest virtually complete. Onion harvest continued San Joaquin Valley. Green pea winding down central valley. Digging spring potatoes increasing Kern district. Planting fall potatoes 30% complete in the Tulelake-Butte Valley. Strawberry harvest full swing large volumes shipped. Sweetpotato planting continued early fields showing good growth. Early market tomato showing good growth set fruit sizing well. Processing tomatoes progressing with planting nearing completion. Range, pasture conditions deteriorated. Low humidity, warmer temperatures dried soils. Livestock marketing, movement to summer pasture at peak levels. Stockwater supplies low some areas.

COLORADO: Rain, snow, and gusty winds donimated State. Up to 1 ft. of snow fell in mountians and 0.50 to 2.00 in. of rainfall where common at lower evalations. Temperatures were 3 to 6° below normal.

Rain limited producers to 4.0 days suitable for fieldwork but planting still progressed. Corn planted 85%, 75% 1984, 70% avg. Winter wheat in good to very good condition; 85% jointed, 22% headed, 1984 50% jointed, none headed; avg. 69% jointed, 8% headed. Seeding of other small grains virtually complete. Planting of fall potatoes 64%, 55% 1984, 60% avg. Livestock in good to very good condition; calving 89% complete and lambing 91% complete.

FLORIDA: Hot temperatures several degrees above normal; dry most of week. Very high winds, especially late week. Few scattered showers, most amounts less than 0.25 in. - not nearly enough to relieve drought conditions.

Soil moisture short to very short majority of State, critical some areas. Adequate moisture most southern areas. Corn adversely affected by drought conditions. Tobacco responding to warm temperatures. Peanut planting nearing completion. Soybean planting continued, progress slow due to dry weather. Cotton planting about complete. Sugarcane good condition. Small grain harvest full swing, yields variable. Hay making continued. Pastures far western Panhandle, lower southern Peninsula mostly good; conditions very poor, much of upper central Peninsula: elsewhere poor to fair. Lack of rainfall becoming critical drier areas. Hay supplies depleted some farms with pastures extremely short. Cattle, calves generally good condition, southern Peninsula; mostly fair elsewhere. Citrus groves hot, dry, windy. Rain needed all areas, near drought conditions. Growers irrigating around the clock. Fruit softening still a problem on current Valencias, grapefruit. Valencia harvest active this week, grapefruit movement continues to slow. Caretakers watering new trees. Hot days, warm nights prevailed vegetable areas. Daytime temperatures high 80's, low 90's. Early morning low's 60's to 70's. Rainfall limited to light, scattered showers. Winds light to moderate. Overall shipments increased 11% from previous week. Contributing heavily to increase: Celery, eggplant, potatoes, watermelons. Supplies remained steady for carrots, sweet corn, cucumbers, escarole, lettuce, okra, peppers, tomatoes. Seasonal declines for snap beans, cabbage, Chinese cabbage, squash, strawberries. Watermelon shipments, volume leader; harvest continued Immokalee area, getting underway west central areas; heavy volume expected by early June. Potato digging peak level.

GEORGIA: Temperatures low to mid 70's except mountains in 60's. Temperatures near to slightly above normal, extremes 37º; 97º. Temperatures exceeded 90º on three days, central and southern counties. Little or no rain reported; average daily pan evaporation rates 0.24 to 0.34 in.

Soil moisture 6% very short, 26% short, 66% adequate, 2% surplus. Days suitable for fieldwork 5.0. Main activities: Planting, haying, applying herbicides and insect control sprays. Corn 10% silked, 1% 1984, 4% avg.; 2% poor, 15% fair, 74% good, 9% excellent. Cotton 88% planted, 75% 1984, 84% avg.; 1% squaring, 1% 1984, 1% avg.; 31% fair, 65% good, 4% excellent. Grain sorghum 58% planted, 45% 1984, 41% avg.; 26% fair, 69% good, 5% excellent. Peanuts 91% planted, 86% 1984, 90% avg.; 2% blooming, none 1984, 1% avg.; 21% fair, 74% good, 5% excellent. Soybeans 31% planted, 26% 1984, 34% avg.; 32% fair, 65% good, 3% excellent. Tobacco 39% fair, 61% good. Watermelons 32% fair, 68% good. Wheat 99% headed, 99% 1984; 5% harvested, %5 1984, 6% avg.; 1% very poor, 7% poor, 50% fair, 39% good, 3% excellent. Rye 6% poor, 57% fair, 36% good, 1% excelent. Other small grains 3% very poor, 7% poor, 48% fair, 39% good, 3% excellent. Apples 8% poor, 38% fair, 51% good, 3% excellent. Peaches 3% harvested, 3% 1984, 3% avg.; 24% very poor, 12% poor, 27% fair, 34% good, 3% excellent. Pastures 1% very poor, 7% poor, 30% fair, 60% good, 2% excellent. Hay 1% very poor, 9% poor, 33% fair, 54% good, 3% excellent. Cattle 27% fair, 71% good, 2% excellent. Hogs 17% fair, 81% good, 2% excellent.

HAWAII: Agricultural crops benefitted from a week of abundant sunshine, light to moderate showers. Temperatures hovered near normal for most of the week, but dipped to a daily record low on 18th. Gusty trade winds at 15 to 30 mph hampered some farm activities such as irrigation, spraying. Supplies of Head lettuce, Chinese cabbage will continue heavy and of good quality. Head cabbage output forecast to increase next week. Tomato production winding down some areas. Papaya production forecast to increase, however, output will continue below levels of a year ago. Banana production will remain light.

IDAHO: Upper level though of low pressure moved through State 11th bringing measurable rainfall north, southeast. High pressure moved into State 12th giving pleasant weather 13th, 14th. Another weather system moved through State 15th, 16th. Precipitation spotty across State during week. Grace reported greastest amount 1.26 in. Northern areas below normal precipitation with south running slightly above normal. Temperatures average slighly below normal. High 89º recorded Orofino on 17th while low of 13º recorded Stanley on 12th.

Days suitable for fieldwork 5.0. Spring wheat 85% seeded, 82% 1984, 92% avg.; 58% emerged, 61% 1984, 78% avg. Spring barley 77% seeded, 66% 1984, 82% avg.; emerged, 40% 1984, 50% avg. Potatoes 54% planted, 60% 1984, 62% avg.; 12% emerged, 70% 1984, 75% avg. Oats 70% planted, 43% emerged. Dry peas 94% planted, 76% 1984, 92% avg.; 57% emerged. Lentils 96% planted, 92% avg.; 48% emerged. Corn 82% planted, 60% 1984, 65% avg. Dry beans 8% planted, 12% 1984, 10% avg. Sugarbeets 62% emerged, 84% 1984, 86% avg. Cattle movement to summer pasture 50%; sheep 56%. Winter wheat 66% not joint; 33% joint, but not yet boot; less than 1% boot and beyond. Mint fair to good. Some spotty small grain stands reported. Dry, cool conditions also limiting range and pasture growth. Grasshopper damage in south half of State, particularly in alfalfa fields.

ILLINOIS: Temperatures near normal to 1º above normal north, 3 to 4º below normal south. Precipitation 0.17 to 3.00 in.

Days suitable for fieldwork 3.3. Soil moisture 11% short, 64% adequate, 25% surplus. Corn planting 93% complete, 73% 1984, 78% avg.; height of all fields 4 in.; height of most advanced fields 8 in.; condition 7% fair, 68% good, 25% excellent. Soybeans planted 53%, 26% 1984, 33% avg. Winter wheat headed 77%, 9% 1984, 42% avg.; filled 20%, none 1984, 8% avg.; condition 1% poor, 14% fair, 71% good, 14% excellent. Oats headed 6%, none 1984, 1% avg.; condition 1% poor, 11% fair, 75% good, 13% excellent. Alfalfa first crop cut 17%, 5% 1984, 8% avg.; condition 4% fair, 62% good, 34% excellent. Clover condition 3% fair, 71% good, 26% excellent. Sorghum grain planted 16%, 3% 1984, 10% avg. Pasture 5% fair, 75% good, 20% excellent.

INDIANA: Highs averaged near normal around 70 to mid 70's. Lows 5º above normal north to 1 to 2º above south. Extremes from mid 30's to 90. Soil temperature mid to upper 60's. Rainfall variable, heaviest amounts south. Totals from 0.32 northeast to 3.00 in. south central.

Fieldwork averaged 3.9 days. Topsoil moisture 28% short, 49% adequate, 23% surplus. Subsoil moisture 23% short, 64% adequate, 13%

surplus. Corn 92% planted, 60% 1984, 60% avg. Corn 75% emerged, 10% 1984, 40% avg. Soybeans 40% planted, 15% 1984, 25% avg. Soybeans 30% emerged, 1% 1984, 10% avg. Spring cropland 96% tilled, 85% 1984, 96% avg. Wheat condition 2% poor, 38% fair, 55% good, 3% excellent. Wheat 75% headed, 2% 1984, 20% avg. Wheat 100% jointed. Wheat 25 in. tall, 14 in. 1984, 19 in. Alfalfa 25% cut once, 5% 1984, 5% avg. Clover 10% cut, 2% 1984, 2% avg.

IOWA: Seasonable-to-cool with spotty rainfalls. Topsoil moisture conditions 9% short, 79% adequate, 12% surplus. Subsoil moisture conditions 8% short, 87% adequate, 5% surplus. Days suitable for fieldwork 2.5. Corn acreage planted 100%, 78% 1984, 81% avg.; emerged 78%, 9% 1984, 32% avg. Soybean acreage planted 40%, 13% 1984, 22% avg. Winter wheat condition 5% poor to very poor, 13% fair, 62% good, 20% excellent. Hay acres 5% poor to very poor, 10% fair, 55% good, 30% excellent. Oats 4% poor to very poor, 11% fair, 59% good, 26% excellent. Corn acreage 3% poor to very poor, 7% fair, 57% good, 33% excellent. Pasture conditions 4% poor to very poor, 16% fair, 53% good, 27% excellent. Livestock very good condition.

KANSAS: Precipitation averaged 0.25 to 0.50 in. southwest, south central; nearly 2.70 in. north central, 1.00 to 2.00 in., elsewhere. Small tornadoes, large hail scattered areas. Temperatures averaged 57° northwest, 62 to 66° elsewhere; normal northwest, 2 to 3° below normal elsewhere.

Days suitable for fieldwork 3.0. Wheat continued rapid development. Tan-spot most prevalent disease but no major problems. Some wind, hail damage west and central areas. Wheat headed 98%, 14% 1984, 40% avg. Corn planted 80%, 50% 1984, 65% avg. Sorghum planted 10%, 4% 1984, 10% avg. Soybeans planted 10%, 5% 1984, 10% avg. Range, and pasture excellent. First cutting alfalfa good progress in spite of rain.

KENTUCKY: First, latter parts of week pleasant while middle cool, damp. Temperatures averaged at or slightly above normal. Highs in 80's, lows mostly lower 40's. Precipitation widespread, amounts varied considerably. East half State averaged well over 1.00 in., portions of southeast received more than 2.00 in., west weekly totals generally less than 0.50 in.

Days favorable for fieldwork 4.0. Soil moisture 26% short, 59% adequate, 15% surplus. Corn 84% planted, 42% 1984, 62% avg.; mostly good to excellent; 75% emerged. Soybeans 16% planted, 3% 1984, 13% avg. Burley tobacco setting active 15% complete, 1% 1984, 10% avg. Dark types 10% set, 1% 1984, 4% avg. Wheat good to fair condition, 95% headed or beyond; rust a problem some areas. Barley, oats good to fair. Barley harvest should begin next few weeks. Rains slowed hay harvest. Sorghum being planted. Pastures variable fair to excellent.

LOUISIANA: Rainfall ranged from none to 2.58 in. Average temperatures ranged from 1° below to 2° above normal. Lows 51°; high 91°. Soil moisture conditions adequate northwest, short southwest, short to adequate elsewhere.

Days suitable for fieldwork 5.5. Activities included planting cotton, rice, sorghum, soybeans, sweetpotatoes; fertilizing pastures; completing spring plowing; harvesting hay and wheat. Spring plowing 99% complete, 94% 1984, 94% avg. Corn good; 100% planted, 95% 1984, 96% avg.; 99% emerged, 92% 1984, 94% avg.; 6% silked, 1% 1984, 6% avg. Rice good; 96% planted, 88% 1984, 89% avg.; 91% emerged, 79% 1984, 82% avg. Sorghum fair to good; 93% planted, 85% 1984, 69% avg.; 82% emerged, 74% 1984, 58% avg. Cotton good; 95% planted, 77% 1984, 77% avg. Cotton 88% emerged, 58% 1984, 61% avg. Winter wheat good; 99% headed, 100% 1984, 99% avg.; 96% turning color, 85% 1984, 77% avg.; 11% harvested, 11% 1984, 10% avg. Soybeans fair to good; 36% planted, 30% 1984, 21% avg.; 22% emerged, 14% 1984, 12% avg. Sweetpotatoes good; 68% planted, 34% 1984, 46% avg. Hay first cutting 45% complete, 37% 1984, 32% avg. Livestock good; pastures, vegetable harvesting continued. Sugarcane farmers fertilizing, and applying herbicides.

MARYLAND & DELAWARE: Maryland: Weather warm, wet. Temperatures averaged 5 to 8° above normal. High temperatures mid to upper 80's, lows mostly mid 50's. Precipitation averaged 1.51 in.

Days suitable for fieldwork 5.5. Topsoil moisture improved to adequate. Subsoil moisture adequate north central and west short elsewhere. Small grains fair to good condition. Barley and rye 100% headed, 95% 1984, 95% avg.; 100% respectively. Wheat headed 55%, 30% 1984, 60% avg. One-third barley turning, one and a half weeks ahead of 1984. Few fields of rye beginning to turn. Field corn 90% planted, 60% 1984, 75% avg. Soybean planting 15%, 6% 1984, 15% avg. Tobacco transplanting 20% complete, 15% 1984, 10% avg. First cutting of alfalfa 30% complete. First cutting of other hay 20% complete, one week ahead of normal. Vegetable planting ahead of schedule. Snap beans, sweet corn, watermelon 90-95% planted. Tomatoes, cantaloupes 75% planted. Cucumbers, lima beans planted 65%, 55% respectively.

Delaware: Weather warm, wet. Temperatures 6 to 8° above normal. Highs upper 80's lows near 50. Precipitation average 1.83 in.

Topsoil moisture adequate. Subsoil moisture remains short. Soybeans 10% planted, 20% 1984, 10% avg. Field corn 85% planted, 70% 1984, 80% avg. Small grains poor to fair condition, earlier drought conditions expected to affect yield. Vegetable planting well underway.

MICHIGAN: Beautiful, warm spring week across State. Temperatures averaged 4° above normal. Precipitation light to moderate.

Fieldwork interrupted by midweek showers. Topsoil moisture supplies short many southern counties. Corn 90% planted, 70% 1984, 61% avg. Soybeans 25% planted, 15% 1984, 19% avg. Oats 98% planted, 95% 1984, 93% avg. Winter wheat 5% headed, none 1984, none avg. Fruit crops look very good across State. Dry weather affecting asparagus quantity, quality.

MINNESOTA: Wet, cool week resulted from stalled low pressure system. Temperatures averaged near normal to 3° above normal. Low 36°; high 84°. Precipitation averaged 0.26 in. below normal southeast, near normal to 0.87 in. above normal elsewhere. Greatest weekly total 1.85 in.

Heavy rains halted fieldwork, resulted in some damage from erosion, standing water, river flooding. Days suitable for fieldwork: 1.9. Topsoil moisture 3% short, 50% adequate, 47% surplus. Spring wheat planted 92%, 91% 1984, 90% avg.; emerged 78%, 59% avg.; condition 2% poor, 23% fair, 64% good, 11% excellent. Oats planted 94%, 92% 1984, 93% avg.; emerged 85%, 72% 1984, 76% avg. Barley planted 90%, 88% 1984, 87% avg.; emerged 75%, 51% 1984, 62% avg. Field corn planted 84%, 59% 1984, 71% avg.; emerged 51%, 3% 1984, 15% avg. Soybeans planted 34%, 13% 1984, 29% avg.; emerged 6%, none 1984, 2% avg. Sunflowers planted 22%, 30% 1984, 38% avg. Potatoes planted 61%, 52% 1984, 52% avg.

MISSISSIPPI: Temperatures averaged near normal. Extremes: 42°; 94°. Greatest 24-hour rainfall 1.16 in.

Soil moisture adequate. Fieldwork: 5.1 days suitable, 6.1 1984, 3.6 avg. Wheat condition fair; 99% heading, 99% 1984, 99% avg.; 21% ripe, 12% 1984, 14% avg.; harvesting just getting underway. Corn condition good to fair; 95% planted, 91% 1984, 91% avg.; 85% up to stand, 72% 1984, 72% avg. Rice good to fair; 98% planted, 80% 1984, 87% avg.; 90% up to stand, 45% 1984, 60% avg. Cotton good; 91% planted, 81% 1984, 88% avg.; 65% up to stand, 32% 1984, 55% avg. Soybeans fair; 33% planted, 14% 1984, 20% avg.; 14% up to stand, 3% 1984. Sorghum 60% planted, 55% 1984, 44% avg. Peanuts 46% planted, 33% 1984, 55% avg. Watermelons 80% planted, 82% 1984, 89% avg. Sweetpotatoes 38% planted, 44% 1984, 37% avg. Hay 22% harvested, 14% 1984. Pasture good. Livestock good. Peaches fair.

MISSOURI: Temperatures averaged near normal. Rainfall widespread. Up to 2.25 in. in central area, 1.00 to 1.50 elsewhere.

Topsoil moisture supplies 73% adequate, 27% surplus. Days suitable for fieldwork 2.3. Corn 91% planted, 55% 1984, 69% avg. Soybean 30% planted, 10% 1984, 18% avg. Grain sorghum 36% planted, 28% 1984, 32% avg. Cotton 87% planted, 79% 1984, 83% avg. Winter wheat 93% headed, 27% 1984, 47% avg. Winter wheat 4% poor, 46% fair, 49% good, 1% excellent.

MONTANA: Continued very dry nearly all State. Small area over extreme southeast received moderate to heavy rain late week. Amounts from 1.00 to 1.50 in. Some of north central portions received 0.25 to 0.75 in. early week storm. Snow over Bear Paw Mountains, little Rockies 6 to 9 in. Temperatures ranged 2° above normal to 2° below normal. Cool first of week, very warm temperatures end of week. Western northern areas highs in 80's, southern areas highs in 70's.

Moisture supplies short. Days suitable for fieldwork 6.3 Spring wheat 95% seeded, 90% 1984, 85% avg.; 10% emerged, 60% 1984, 50% avg. Barley 95% seeded, 90% 1984, 85% avg.; 70% emerged, 60% 1984, 55% avg. Oats 90% seeded, 80% 1984, 80% avg.; 70% emerged, 50% 1984, 45% avg. Corn 75% planted, 55% 1984, 60% avg. Sugarbeets 100% planted, 60% 1984, 85% avg.; dry beans 85% planted, 40% 1984, 40% avg. Potatoes 20% planted, 25% 1984, 40% avg. Irrigation water supplies short to adequate. Stockwater supplies short to adequate. Hay, grass growth mostly slow. About 50% of livestock moved to summer ranges.

NEBRASKA: Week began cool, wet, ended warm. Precipitation from 1.00 to 3.00 in. Temperatures averaged 1 to 4° below normal.

Topsoil moisture 3% short, 67% adequate, 30% surplus. Subsoil moisture 8% short, 79% adequate, 13% surplus. Days suitable for fieldwork 2.2. Winter wheat condition 13% fair, 71% good, 16% excellent. Wheat jointed 95%, 55% 1984, 75% avg.; heading 30%, 1% 1984, 12% avg. Corn planted 80%, 60% 1984, 65% avg. Emerged 40%, 15% 1984, 25% avg. Sorghum planted 25%, 4% 1984, 10% avg. Soybeans planted 15%, 6% 1984, 10% avg. Alfalfa mostly good; first cutting 4%, none 1984, 2% avg. Pastures, range feed adequate.

NEVADA: Low pressure trough brought cool air into State early week. High pressure ridge allowed temperatures to rise later in week. Precipitation most widespread northeast. Southern area dry. Coolest temperatures northeast. All but south central area below normal average temperatures. Precipitation ranged from trace to 0.41 in. Mountain City.

Planting of spring crops made good progress. Plant emergence good progress. Plant emergence slowed by cool nighttime temperature. Alfalfa hay good growth. Calving, lambing nearing completion.

NEW ENGLAND: Precipitation averaged between 1.00 to 2.00 in. across region except Connecticut, eastern Massachusetts, where weekly totals generally between 0.25 and 0.50 in. Most of rainfall at start of weekend. Average temperatures ranged from low 50's Maine, northern New Hampshire to lower 60's across southern New England.

Soil moisture levels adequate. Days suitable for fieldwork 5.5. Fieldwork progress 4.0 days ahead of schedule. Maine potatoes 25% planted, 25% 1984, 30% avg. Maine oats 50% planted. Rhode Island potatoes 95% planted, 50% emerged. Field corn 60% planted, 30% 1984. Hay condition fair to good. Grazing availability short to adequate. Early sweet corn 45% planted, 25% 1984. Shade tobacco 10% transplanted, crop conditions generally good. Most fruit crops full bloom.

NEW JERSEY: Temperatures averaged 1° above normal. Extremes: 34°; 89°. Weekly rainfall averaged 1.55 in. north, 0.55 in. central, 1.64 in. south. Heaviest 24-hour total 2.68 in. 17th, 18th. Estimated soil moisture, in percent of field capacity, 74% north, 53% central and 54% south. Four inch soil temperatures averaged 62° north, 64° central and 65° south.

Rainfall 17th very beneficial, considerably varied. Most crops 2 weeks ahead of schedule. Light harvest of strawberries, Iceberg lettuce underway, increased volumes expected next week. All other types of lettuce moderate to good supply. Asparagus, spinach, radishes, all early greens moving to market moderate to good volume. Fruit spraying active, fruit sizing well. Barley, rye coloring; wheat well headed. Field corn germination, early growth good. Hay, rye straw cutting general. Pasture growth improved.

NEW MEXICO: Average temperatures 2 to 5° below normal. Minimum: 20, northern mountains, southwestern Plateau, western mountains; maximum: 100° southern desert. Scattered showers from midweek - heaviest activity - east. Precipitation none to 2.20 in.

Soil moisture short to adequate, mostly adequate. Hail damage none to light; wind damage none to sever, mostly light. Alfalfa hay mostly good - first cut 70% complete. Cotton 90% planted, 75% 1984, 78% avg. Cotton mostly good - over 80% acceptable stand. Corn good - 95% planted, 85% acceptable stand. Barley mostly good - 65% heading, 25% coloring. Irrigated, dryland wheat good to excellent - 90% heading, 30% coloring. Irrigated grain sorghum excellent - 30% planted. Pecans mostly good - average nut set. Apples fair to good, mostly poor fruit set. Chile mostly good. Lettuce good. Onions good to excellent. Cattle, sheep mostly good. Range fair to good, mostly good.

NEW YORK: Week began unseasonably warm across State, with highs 70's, 80's. Maximum temperatures 60's, 70's 14th through 18th. Much needed rainfall east. Scatterd showers across State on 12th; on 16th, 0.10 to 0.50 in. eastern areas. Soaking rain on night of 17th brought 1.00 to 2.00 in. to Hudson Valley, Catskills region.

Field crops generally good condition, more rain needed. Corn planting 57% complete, 8% 1984, 33% avg.; much of crop emerged. Oat planting 93% complete, 33% 1984, 55% avg. Pastures, hay ranged from fair to good, rainfall needed for more growth.

NORTH CAROLINA: Temperatures ranged from 1 to 4° above normal across State. Precipitation ranged from 0.08 to 4.17 in. across State.

Soil moisture 17% very short, 36% short, 43% adequate, 4% surplus. Days suitable for fieldwork 5.3. Condition: Pasture 30% poor, 49% fair, 20% good, 1% excellent. Wheat 50% poor, 37% fair, 13% good. Oats 55% poor, 39% fair, 6% good. Barley 52% poor, 39% fair, 9% good. Rye 43% poor, 48% fair, 9% good. Tobacco beds 14% poor, 59% fair, 25% good, 2% excellent. Irish potatoes 3% poor, 36% fair, 55% good, 6% excellent. Tobacco in field 7% poor, 64% fair, 26% good, 3% excellent. Corn 4% poor, 42% fair, 47% good, 7% excellent. Cotton 78% fair, 22% good. Plantings: Corn 99%, 93% 1984, 96% avg. Cotton 85%, 85% 1984, 87% avg. Peanuts 81%, 87% 1984, 79% avg. Sorghum 60%, 30% 1984, 40% avg. Soybeans 27%, 19% 1984, 29% avg. Flue-cured tobacco 94%, 82% 1984, 84% avg. Sweetpotatoes 28%, 20% 1984, 16% avg. Major farm activities: Transplanting tobacco, planting soybeans, cotton, peanuts and corn, spraying herbicides and insecticides, cutting hay, cultivating potatoes and corn, irrigating tobacco beds.

NORTH DAKOTA: Rain over entier State beginning of week, eastern portions middle of week. Rainfall amounts ranged from 0.70 to 4.10 in. west central distirct. All stations received measureable moisture. Temperatures near normal. Extremes ranged from 86° south central to 31° north central.

Topsoil, subsoil moisture supplies slightly above normal. Topsoil supplies 13% short to very short, 87% adequate. Subsoil supplies 33% short or very short, 67% adequate. Fieldwork: 5.7 days suitable. Small grain seeding nearing completion with progress for all crops record pace for this date. Hard red spring wheat 97% seeded, 79% 1984, 75% avg; durum 92% seeded, 65% 1984, 65% avg.; barley 98% seeded, 84% 1984, 76% avg. Row crop planting well ahead of normal, except for sunflower. Potatoes 72% planted, 59% 1984, 53% avg.; sunflower 15% planted, 10% 1984, 14% avg.; dry edible beans 29% planted, 12% 1984, 18% avg. Pasture growth continued to improve.

OHIO: Temperatures northwest 3 to 4° above normal; elsewhere readings 1 to 3° above normal. Precipitation widespread, variable. Northwest barely 0.25 to 0.50 in.; elsewhere 1.00 to 2.00 in.

Fieldwork: 4.0 days suitable. Soil mositure 20% short, 50% adequate, 30% surplus. Corn planting 96% complete, 45% 1984, 60% avg.; 75% emerged. Soybean planting 60% complete, 20% 1984, 30% avg.; 30% emerged. All crops rated good except oats, fair to good. Late week rains produced surplus conditions southern two-thirds of State; shortages persist northern areas. Winter wheat 50% headed, none 1984, 5% avg. Alfalfa hay first cut 15% complete, none 1984, none avg. Other hay first cut 10% complete, none 1984, none avg. Harvesting strawberries, radishes, spinach.

OKLAHOMA: Temperatures averaged normal southwest to 5° below normal Panhandle. Precipitation averaged none Panhandle to 0.83 in. northeast.

Warm temperatures, early-week rainfall aided wheat development. Dry, cool weather needed for maximum head development north central. Leaf rust, other disease prominent east and south, may result in some yield reduction. Considerable wheat hay cut, baled. Wheat headed: 98%, 85% 1984, 90% avg. Sorghum southern third of State over 25% planted. Sorghum planted: 10%, 10% 1984, 20% avg. Cotton plantings ahead of average pace west. Cotton planted: 25%, 10% 1984, 15% avg. Pastures making good growth, no short forage supplies reported. Cattle making favorable weight gains.

OREGON: Beginning of week cool with overnight temperatures below freezing. Temperatures soared end of week with some record breaking highs near 90° west. Overall average slightly below normal. Scattered precipitation amounted to less than 0.20 in. except for 0.60 in. northwest. Dry weather continued.

Dryland winter wheat showing more stress north central, some fields light shallow soils starting to burn. Development behind normal. About 2% of winter wheat headed, same as 1984, 16% avg. About 98% of barley planted. Grass seeds need rain, many fields being irrigated. Haying activities underway. Frost damage to fruit continued to show up. Some loss, scarring to fruit upper Hood River Valley. Willamette Valley strawberries received heavy frost damage, particularly Totem variety. Other varieties showed more tolerance. Grapes Willamette Valley poor received frost damage but upper slopes not hit as hard. Cranberry growers busy with irrigating bogs for frost protection. Less frost damage to vegetables but some peas, beans, early potatoes nipped. Onions doing well. Asparagus harvest continued. Potato planting underway in central areas. Pastures, ranges very dry. Ranges slow producing good forage. Upper elevation ranges somewhat better. Coastal pastures good to excellent. Livestock good to excellent condition.

PENNSYLVANIA: Warm dry weather prevailed across much of State start of week. Few isolated thundershowers gave spotty rainfall western, central areas. Some good soaking rain spread across much of State on 16th, 17th. Much of State recieved from 1.00 to 1.50 in. from this rainmaker, some spotty 2.00 in. amounts in lower Susquehanna Valley, southeastern areas. Good part of northwest, northern border counties received 0.50 in. or less. Temperatures cooled off by end of week, some scattered frost reported in portions of western and central areas on 19th.

Days suitable 4.0. Moisture short to adequate. Activities: Plowing; spraying corn and soybeans; harvesting small amounts of green chop, hay, haylage and ryelage; hauling manure, planting corn, soybeans, potatoes, sorghum, sudan grass. Spring plowing 94% complete, 64% 1984, 80% avg. Corn 75% planted, 29% 1984, 46% avg. Oat seeding virtually complete, 80% 1984, 89% avg. Alfalfa stands mostly good to fair. Clo-tim stands mostly good to fair. Feed from pastures mostly average. Peaches virtually all in full bloom or past, 80% 1984 in full bloom or past. Cherries virtually all in full bloom or past, 83% 1984 full bloom or past. Apples viturally all in full bloom or past, 46% 1984 in full bloom or past.

PUERTO RICO: No Data Available.

SOUTH CAROLINA: Early week warm. Cooler air moved in State late week. Scattered showers ahead of cold front. Rainfall moderate over

north, little or none elsewhere. Some hail damage along coast.

Soil moisture short. Days available for field activities 5.0. Soybeans fair to good; 15% planted, 11% 1984, 20% avg. Corn fair to good. Cotton fair to good. Planting of corn complete, cotton virtually complete. Tobacco condition fair to good. Peach condition still poor to fair. Tomato condition fair to good. Watermelon, cantaloup conditions fair to good. Sweetpotatoes 33% planted, 39% 1984, 32% avg. Pasture condition fair. Rye, oats, barley condition poor to fair, wheat fair. Rains brought some relief, more showers needed for continued improvement.

SOUTH DAKOTA: Average temperatures 1 to 3° below normal. Extremes: 26°; 85°. Much of eastern third of State received 0.05 to 1.00 in. of rain, much of central, west received no precipitation.

Topsoil moisture remained short, critically short western two-thirds, adequate to surplus east. Days suitable for fieldwork 2.0 east, 6.0 central, west. Most crops reported in good condition. Winter wheat fair. Range, pastures fair central, west; good east. Some producers still feeding hay to livestock because of the short, dry pastures. Feed supplies remain adequate. Livestock good condition. Calving, lambing 90% complete. Corn planted 76%, 27% 1984, 47% avg. Spring wheat planted 100%, 84% 1984, 93% avg. Spring wheat emerged 100%, 65% 1984, 81% avg. Winter wheat headed 4%, none 1984, 4% avg. Sorghum planted 16%, 5% 1984, 9% avg. Soybeans planted 23%, 6% 1984, 21% avg.

TENNESSEE: Temperatures averaged near normal except east. Temperatures averaged 2° less than normal. Averaged temperatures ranged from mid 60's northeast to 70° southwest. Rainfall latter part of week, exception of extreme northeast. Amounts light, lower than normal.

Farmers averaged 5.0 days suitable for fieldwork. Soil moisture conditions: 41% short, 57% adequate, 2% surplus. Corn planted: 85%, 60% 1984, 75% avg. Cotton seeded: 85%, 75% 1984, 80% avg. Soybeans planted: 15%, 10% 1984, 15% avg. Sorghum planted: 40%. Tobacco transplanted: 45%, 15% 1984, 20% avg. Wheat headed: 95%, 85% 1984, 85% avg. Alfalfa 1st cutting: 70%, 50% 1984, 50% avg. Pastures, livestock good.

TEXAS: Showers, thunderstorms accompanied cold front that moved across State first part week. Frontal system trigger showers, thunderstorms, producing heavy rain Hill country. Near end of week, low pressure system Gulf of Mexico, along with upper level disturbance moving across eastern section State, triggered showers and thunderstorms along coast. Temperatures below normal High Plains, Low Plains, north central, Trans-Pecos. Near normal elsewhere. Precipitation above normal Low Plains, Upper Coast, Edward's Plateau, north central, south central. Near normal amounts fell High Plains, east, Trans-Pecos.

Crops: Grain sorghum fields many areas received boost from showers. Some areas HigH Plains still need additional moisture to begin planting dryland sorghum. Planting pick up Low Plains, Cross Timbers since showers aided soil moisture. Early planted fields Blacklands boot stage. CentralfFields continued good progress. Fields heading Coastal Bend, Rio Grande Valley. Heading slow South lack of adequate moisture. Corn fields progressing well most areas. Most fields planted High Plains, some fields minor hail damage. Some side-dressing nitrogen. Early fields tasselling Blacklands. Tasselling continued central, south fields made good progress. Good yield prospects expected. Current condition 88% of normal, compared with 61% year ago. Cotton planting increased slightly Plains adequate moisture existed. Some early planted fields received hail damage, replanting may be necessary. Irrigated fields up to stands. Planting will increase Low Plains, Cross Timbers, showers increased soil moisture. Cultivation delayed by wet ground aided weed populations some Blackland fields. Thrip numbes increased in untreated fields. Spraying for fleashoppers active Coastal Bend. Fields this area, Rio Grande Valley setting bolls. Small grains good progress High Plains. Leaf rust, inclement weather may hamper yields. Dryland fields maturing rapidly. Fields Low Plains, Cross Timbers maturing rapidly, harvest should begin soon. Harvest underway Blacklands; however, weather conditions hampered progress. Early yields down from previous expectations. Harvesting continued central, south at slow pace because showers. Some lodging occurred from wind, rain. Harvesting oats should follow soon. Statewide wheat condition 83% of normal, compared with 59% 1984. Reported conditions 34% fair, 52% good, 14% excellent. Rice planting continued Upper Coast last week. Watering some fields necessary to promote sprouting. Currently, most fields look good. Peanuts planting near completion Plains. Good stands reported that area. Elsewhere, land preparation, some planting took place, progress behind last year. Corn planted 99%, 99% 1984, 97% avg; silked 6%. Cotton planted 50%, 36% 1984, 42% avg.; squaring 4%, 7% 1984, 8% avg.; setting bolls 1%, none 1984, none avg. Rice planted 95%, 100% 1984, 98% avg.; emerged 75%, 94% 1984, 92% avg. Sorghum planted 75%, 68% 1984, 72% avg.; headed 6%, 20% 1984, 13% avg.; turning color 1%, none 1984, none avg. Wheat headed 88%, 76% 1984, 82% avg.; turning color 41%, 36% 1984, 28% avg.; harvested for grain 4%, 9% 1984, 3% avg. Oats harvested for grain 5%, 14% 1984, 5% avg. Peanuts planted 22%, 18% 1984, 16% avg. Soybeans planted 15%, 19% 1984, 8% avg. Sugarbeets planted 100%, 100% 1984, 100% avg. Sunflowers planted 16%, 17% 1984, 21% avg.

Commercial Vegetables: Rio Grande Valley, harvest watermelons, cantaloups began, but delayed by rain. Cucumber harvest also delayed by rain. Peppers, tomatoes good progress. Insect populations increasing. Sweet corn maturing rapidly. San Antonio-Winter Garden, harvest potatoes, onions continued. Harvest onions Laredo area near completion. Demand down for onions. Melons setting a good crop. East most vegetables, melons benefitted from showers. Insect populations also increasing in area. High Plains, producers irrigating onions, potatoes until scattered showers arrived. Hail damage noticed some potato fields. However, potatoes making good progress. Early peach varieties harvested central, east. Other varieties maturing rapidly. Spraying continued for insects. Pecan producers continued scouting for casebearers. Spraying for casebearers should begin next week. Some damage from phyllozera reported. Most groves good condition.

Range and Livestock: Cutting, bailing small grain, alfalfa hay continued as weather permitted. Hay yeilds good. Pastures improved areas receiving showers. Weeds problem many regions. Livestock good condition. Market fallen off slightly.

UTAH: Precipitation moderate to very heavy mountainous areas northern State, none to

moderate rest of State. Maximum temperatures 5° below normal, range 1 to 14° below. Minimums 2° below normal, range 2° above to 6° below.

Days suitable for fieldwork 5.5. Spring wheat, barley emerged. Oat planting 80% complete. Corn, potato planting made good progress. Winter wheat 8 in. high. Alfalfa hay 12 in. high. First cutting alfalfa near completion Dixie area, yet to start most of State. Range feed prospects excellent. Cattle, sheep good condition.

VIRGINIA: Typical spring weather with mostly sunny days, mild nights. Temperatures averaged 5 to 10° above normal. Low 90's; high 80's. Scattered thunderstorms gave many areas substantial, much needed rain, much of State remained very dry.

Topsoil moisture ratings; 66% short, 34% adequate. Days suitable for fieldwork averaged 4.2. Corn planting 89% complete, 78% 1984, 83% avg. Activities include topdressing, weed control. Corn condition rated fair to mostly good. Soybean planting 24% complete, 18% 1984, 24% avg. Peanut planting nearing completion 95% complete, 93% 1984, 93% avg. Some irrigation of peanuts. Flue-cured tobacco transplanting 64% complete, 50% 1984, 50% avg. Some areas reporting shortage of plants. Fire-cured tobacco transplanting 28% completed, 14% 1984, 21% avg. Burley tobacco transplanting 10% complete, 10% avg. Small grain conditions remain poor. Rain in many areas may help wheat, yields still expected to be poor. Rain too late for barley. Pasture rated fair to mostly poor. Hayland rated poor to very poor.

WASHINGTON: Cold unstable air early in week dropped temperatures to record lows. Midweek temperatures rose dramatically to record highs.

Spring seeding for most crops nearing completion. Spring wheat 93% seeded, 95% 1984. Barley 98% seeded, 88% 1984. Winter wheat 1% headed, 2% 1984, 6% avg. Potato seeding 94% completed, 98% 1984. Main activity spraying for weeds. Fruit bloom past, growing still assessing frost damage. Soil conditons remained dry, heavy demand for irrigation water. Asparagus, ruhbarb, winter cauliflower harvests continued. Range growth slow.

WEST VIRGINIA: Temperatures averaged from near normal to 4° above normal. Low 34° Greenbank, Flat Top; high 95° Williamson. Statewide average temperature 63°. Percipitation present all areas of State. Heaviest Riply 6.41 in., least Greenbank 0.73 in. State average precipitation 2.00 in.

Soil moisture adequate to short. Days suitable for fieldwork averaged 3.7. Planting corn, field preparation, gardening, fencing. Feed supplies adequate.

WISCONSIN: Average temperatures near normal. Precipitation: North 1.30 to 1.40 in., central 0.70 to 1.70 in., south 1.20 to 2.20 in.

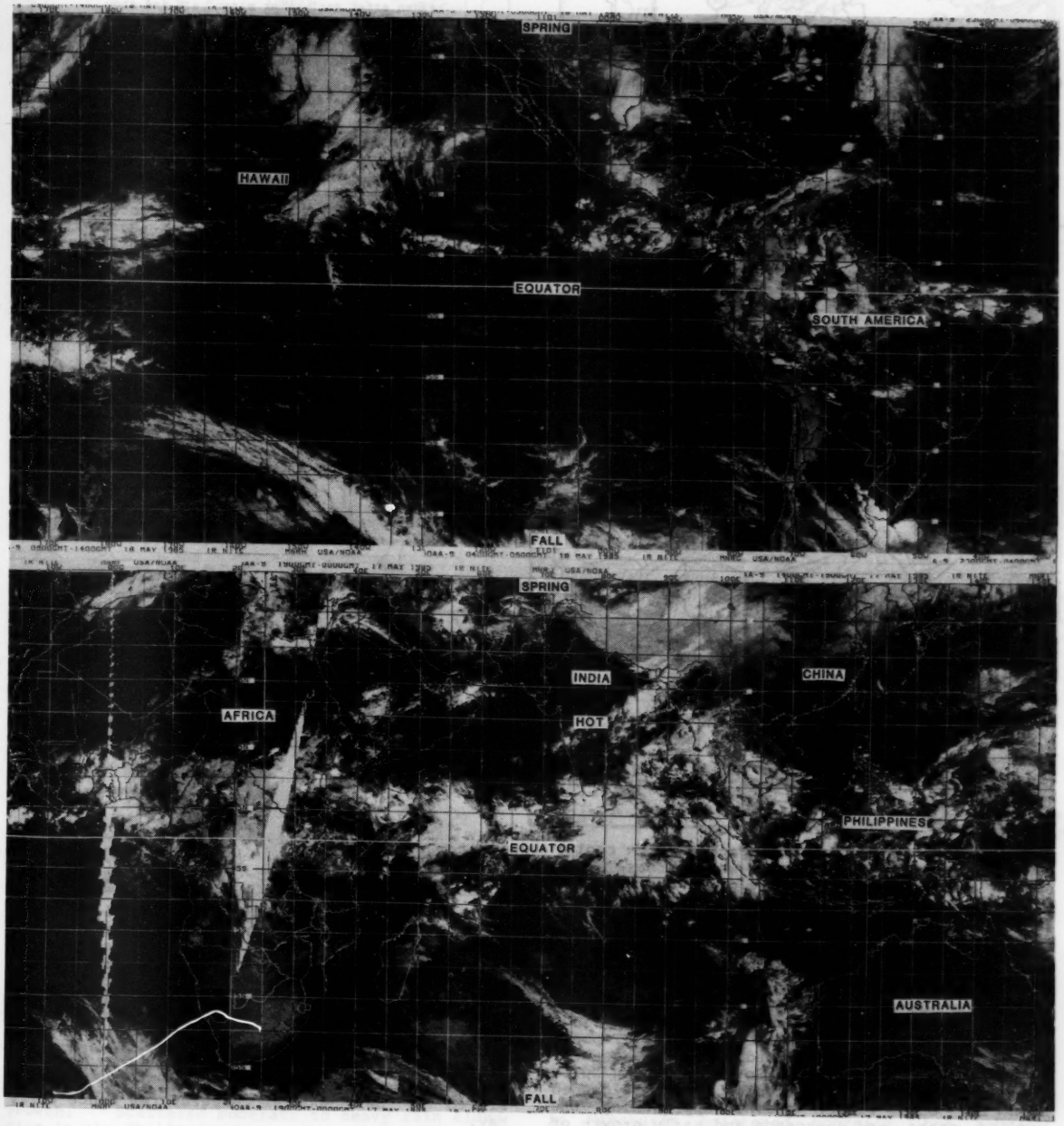
Soil moisture: 18% short, 65% adequate, 17% surplus, driest areas east. Days suitable for fieldwork 3.0. Spring plowing 88% complete, 70% 1984, 79% avg. Oats seeded 94% complete, 80% 1984, 90% avg. Corn planted 74%, 49% 1984, 58% avg. Soybeans planted 29%, 7% 1984, 18% avg. Alfalfa good, some early cutting, weevils very common. Peas good to excellent; tobacco seedbeds good to excellent. Winter wheat good to excellent. Cherries in full bloom.

WYOMING: Cool week with slightly above normal precipitation. Temperatures 4° below normal. Precipitation slightly above normal.

Topsoil moisture short 55% State. Days suitable for fieldwork 6.0. Spring wheat 95% seeded, 70% 1984, 75% avg. Spring wheat 70% emerged, 45% 1984, 45% avg. Oats 85% seeded, 70% 1984, 70% avg. Oats emerged 55%, 45% 1984, 35% avg. Barley seeded most areas, 80% 1984, 80% avg. Barley 70% emerged, 60% 1984, 55% avg. Corn 75% seeded, 60% 1984, 45% avg. Corn 25% emerged, 5% 1984, 5% avg. Potatoes 75% planted, 30% 1984, 25% avg. Dry beans 15% seeded, 30% 1984, 10% avg. Dry beans small amount emerged. Sugarbeets 65% emerged, 40% avg. Winter wheat mostly fair condition. Livestock mostly good condition. Spring calves 95% born, 90% 1984. Farm flock: Ewes lambed 95%, 95% 1984; sheep shorn 90%, 85% 1984. Range sheep: Ewes lambed 75%, 75% 1984, 70% avg.; shorn 85%, 80% 1984, 75% avg. Calf, lamb losses mostly light. Range, pastures mostly fair. Spring grazing prospects mostly fair. Livestock being moved to summer ranges some areas.

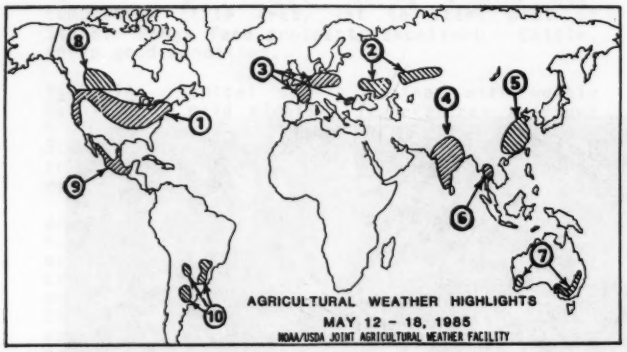
GLOBAL WEATHER SATELLITE PHOTO

May 17 - 18



International Weather and Crop Summary

May 12 - 18



HIGHLIGHTS:

1. UNITED STATES ... Crop development and seeding continues ahead of normal, but rain slows activity in parts of the Plains and Midwest. Rain in the Northeast relieves much of the dryness. Drought continues in the West, stressing small grains in the Northwest. Frost nipps some fruit and vegetables in Washington and Oregon.

2. USSR ... Unseasonably warm weather across the south promotes vigorous winter wheat growth but diminishes topsoil moisture. In the New Lands, warm, dry weather allows spring wheat planting to resume after early-week mixed rain and snow.

3. EUROPE ... Cool, wet weather in France delays corn planting and slows winter wheat growth. Warm weather and light showers favor crops in the north. Light showers slightly improve the unfavorably low moisture situation in southeastern Romania.

4. SOUTH ASIA ... Premonsoon activity increases, but most areas remain too dry for planting.

5. EASTERN ASIA ... Relatively dry weather continues in part of the southern rice region. Moisture is adequate for North China Plain crops.

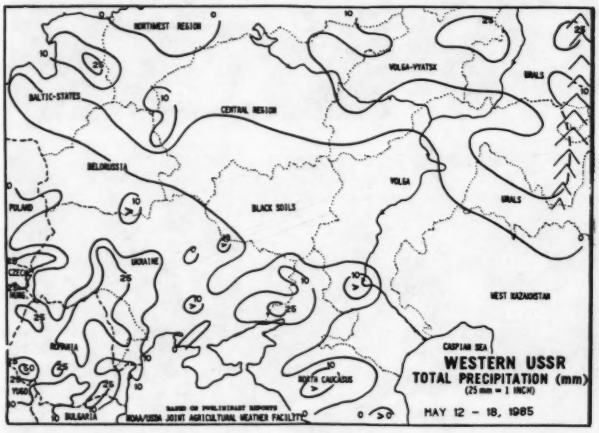
6. SOUTHEAST ASIA ... Increased rain throughout the region aids rice and corn planting.

7. AUSTRALIA ... Light showers aid wheat planting, but moisture remains limited.

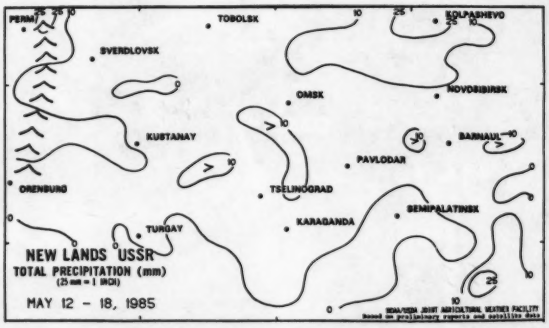
8. CANADA ... Showers aid wheat planting in the east, but drier weather slows progress in the west.

9. MEXICO ... Beneficial rains finally arrive over western part of the southern Plateau corn belt.

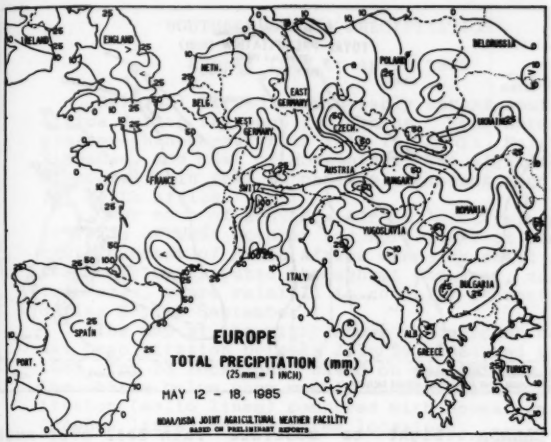
10. SOUTH AMERICA ... Favorable harvest weather prevails throughout the major summer crop areas of Argentina and Brazil.



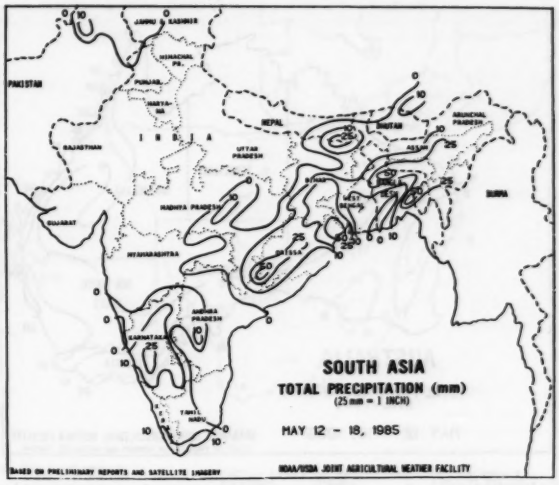
USSR...Light showers accompanied by cooler weather, across major winter wheat areas in the south, replaced unseasonably warm, dry weather. Crops in Moldavia and the southeastern Ukraine received the greatest amounts of precipitation (10-25mm). Most of the central Ukraine and North Caucasus received only light, spotty showers. Winter wheat in extreme southern areas is likely entering the moisture-sensitive heading stage while crop areas further north across the northern Ukraine, southern Black Soils, and lower Volga are jointing. Topsoil moisture is becoming depleted across the central and eastern Ukraine, Black Soils, northern North Caucasus, and the lower Volga. Rain is needed soon for both winter grains approaching the heading stage and emergence and early growth of spring crops.



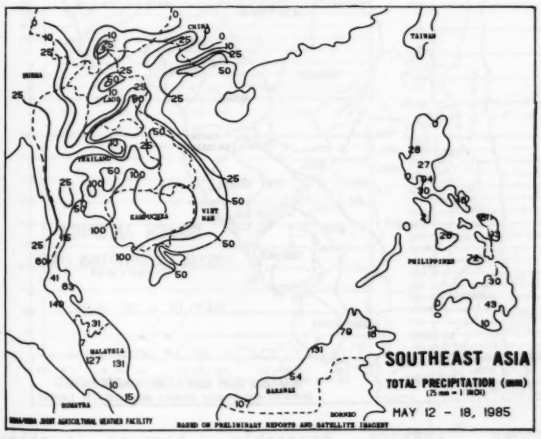
In the New Lands, unseasonably cold weather accompanied mixed rain and snow early in the week. The unfavorable weather likely caused some delays in spring wheat planting which usually begins in mid-May. By week's end, temperatures rose to more seasonable levels and generally dry weather aided planting. Topsoil moisture in most areas should be ideal for spring crop emergence and early growth. In South Central USSR cotton areas, hot weather by week's end enhanced cotton growth which has been slowed by below-normal temperatures since early May.



EUROPE...Wet weather covered much of England, France, and parts of northern Italy. Rain delayed summer crop planting, particularly corn in southern France. Unseasonably cool weather in central and northern France slowed winter grain growth. Elsewhere, light showers favored winter wheat in the filling stage in northern Spain while dry weather in the south favored grain maturation. Showers (around 10mm) slightly improved the unfavorably low moisture situation in southeastern Romania. Above-normal temperatures and light showers favored crops across northern Europe. Crop areas in Czechoslovakia, Hungary, and western Romania received rain (25-50mm), which increased soil moisture.

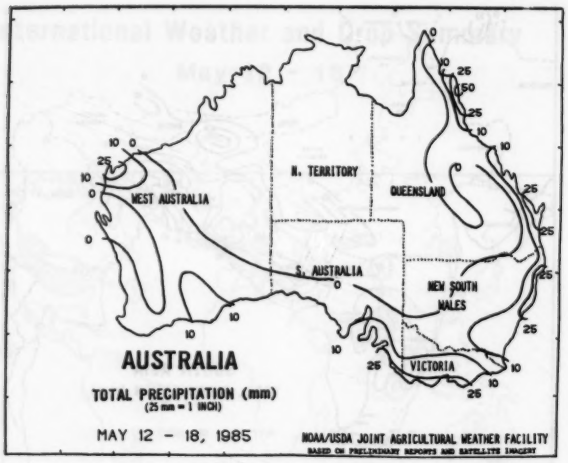


SOUTH ASIA...Variable premonsoon showers fell in the eastern and southern rice areas. Isolated heavy rain (up to 50mm) aided rice planting in Orissa and West Bengal, where only a small percentage of autumn rice grows. Mostly dry weather covered the major autumn rice producing areas in Tamil Nadu, eastern Madhya Pradesh, and Uttar Pradesh. Seasonably hot temperatures maintained high evaporation rates, and planting in nonirrigated rice areas must wait for significant monsoon rain to begin.

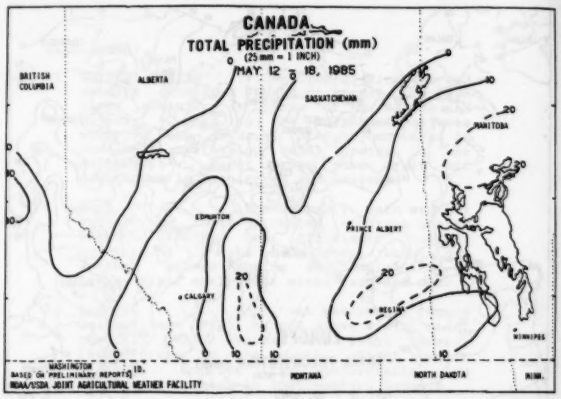


SOUTHEAST ASIA...Widespread showers covered most of Indochina. Moderate to heavy rain (50-100mm) aided rice planting in Kampuchea, southern Laos, and Vietnam. Heavy rain extended into south central and eastern Thailand, maintaining good moisture supplies for rice. Only isolated areas in northern Thailand received less than 25mm of rain. Moderate rain covered most of the central corn region, benefiting planting and early growth. Scattered moderate to heavy rain aided rice in the Philippines.

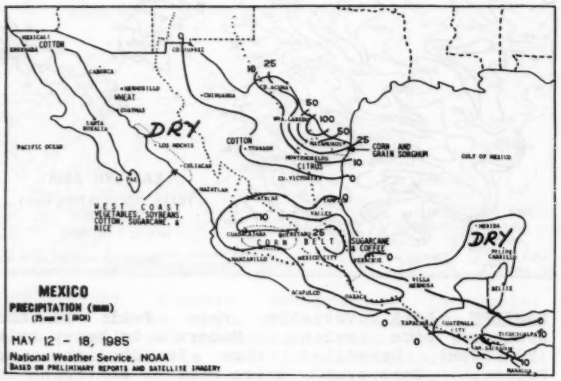
EASTERN ASIA...Variable rain fell in the southern rice region. Moderate to heavy rain (50-100mm) benefited rice in Zhejiang and Fujian. Unfavorably drier weather continued in parts of Guangdong, Hunan, and Jiangxi for early rice in the heading stage. Heavy rain (greater than 100mm) fell along the Yangtze River, with some flooding suspected in Hubei. Moderate rain extended into the North China Plain, benefiting winter wheat in the filling stage and early growth of summer crops. Drier weather covered Henan and Hebei, but moisture supplies are generally adequate. Temperatures averaged below normal in the North China Plain for the first time since early April. Light showers (1-10mm) in Manchuria moistened topsoils, but subsoil moisture is low.



AUSTRALIA...A storm system moved across the southern portion of the continent, producing mostly light snowers. Wheat planting normally continues into mid-June. Moisture is limited in southern New South Wales, Victoria, and South Australia. Light showers (mostly less than 10mm) moistened topsoils in the major wheat producing regions. Significant rain (greater than 25mm) fell in coastal areas of Victoria, New South Wales, and Queenland but did not extend into the wheat areas. The recent moisture allowed planting to progress slowly, but additional rain is needed to complete planting and stimulate emergence throughout the region.



CANADA...Light to moderate rain fell over much of the spring wheat region. Moderate rain (10-20mm) aided planting and emergence in southeastern Saskatchewan where mositure was limited. Following mostly dry weather last week, moderate rain benefited spring wheat along the Alberta-Saskatchewan border. Dry weather in the western crop area, from Calgary to Edmunton, slowed planting and timely growing-season moisture will be needed for crop development. Near to slightly above-normal temperatures aided emergence throughout the region.



MEXICO...Heavy rains finally developed over much of the western part of the southern Plateau corn belt, greatly benefiting crop germination and growth. Heavy rain fell over northeastern corn and grain sorghum which are generally in the filling stage. The rest of country was generally sunny, dry, and warm to hot. Tropical cloudiness and showers became more frequent over the warm Pacific waters south of Mexico, indicating that the rainy season has begun.

SOUTH AMERICA...Favorable harvest weather prevailed throughout the major summer crop areas of Argentina and Brazil. Summer crop harvesting is in the late stages in most areas, except for Argentina's soybeans which are about 20-25% harvested. Brazil's wheat planting is underway in Parana and just beginning in Rio Grande do Sul. Light showers in southern Buenos Aires maintained favorable topsoil moisture for wheat planting. Weekly temperatures were slightly above normal in southern Brazil and 2C-3C above normal in Argentina.

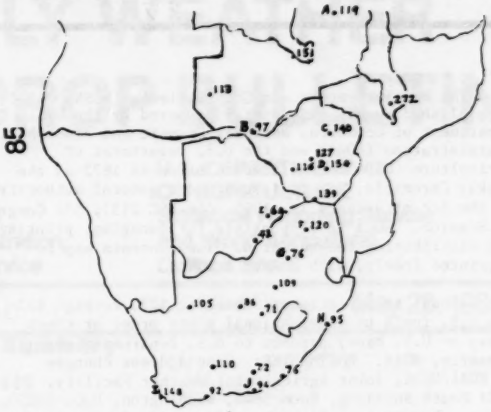
SOUTHERN AFRICA PRECIPITATION

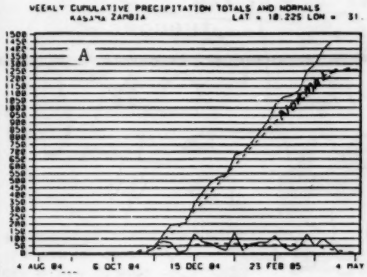
August 1984 to April 1985

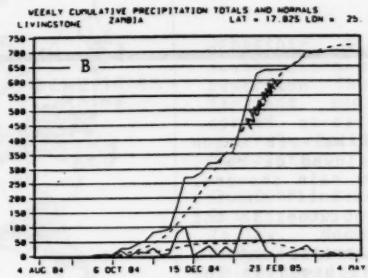
Rainfall varied considerably across southern Africa during the past few months. Near-normal or greater-than-normal rain fell in Zambia, Malawi, Zimbabwe, and most of Mozambique, but significant subnormal rain fell in parts of Botswana and interior South Africa.

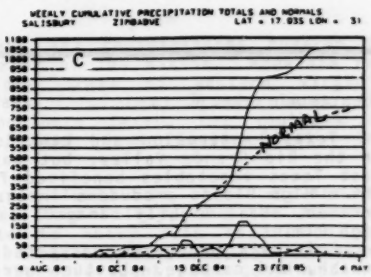
Over much of southern Africa, most rain normally falls between October and April, except the southeastern coast of South Africa where rainfall is fairly uniformly distributed throughout the year, and the Cape Town area, where rainfall is normally concentrated during May to September.

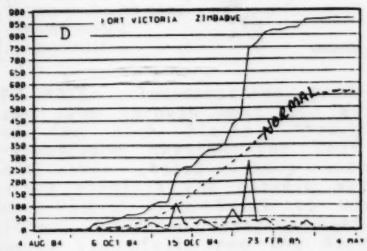
The map at the right shows the percent of normal precipitation between July 29, 1984, and May 4, 1985, for 25 locations, based on preliminary data. The charts below show weekly and cumulative precipitation (solid lines) compared with normal amounts (dashed lines) for selected locations.

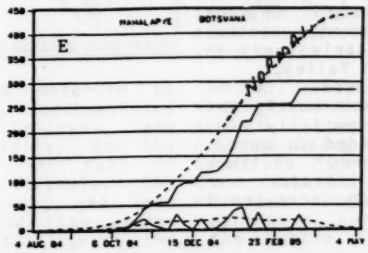


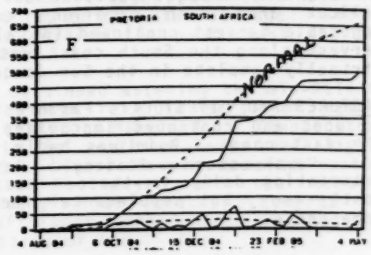


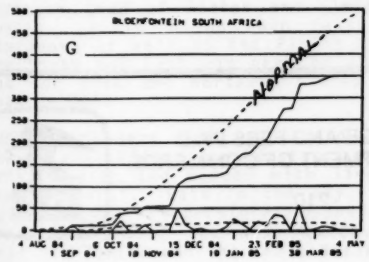


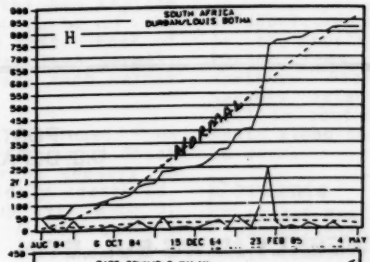


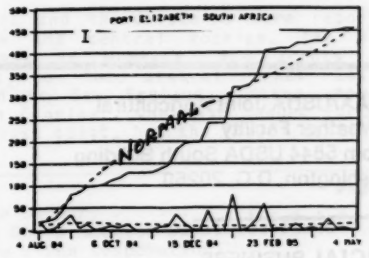


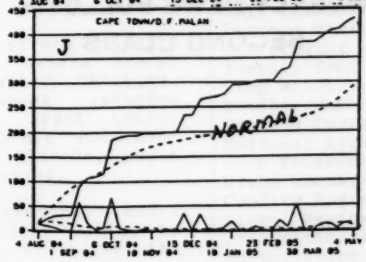












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(continued from p. 14)

Texas' watermelon and cantaloup harvest began in the Rio Grande Valley, but was slowed by rain. East Texas vegetables benefited from rain showers, while High Plains producers irrigated until showers arrived. Hail lightly damaged some potatoes in the High Plains.

Arizona's producers harvested carrots, onions, squash, and cabbage. Lettuce harvest began in the Willcox area with excellent quality. Seasonal vegetable harvest continued in California. Lettuce harvest along the South coast was fairly heavy and virtually complete in the San Joaquin Valley.

PASTURES AND LIVESTOCK: Pastures were mostly fair to good and continued improving, especially along the east coast. Rain was badly needed in Western and Northwestern States. Pastures continued detoriating daily in these areas. Livestock were mostly good, but supplemental feeding increased in some areas.

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